

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PART I - ACCELEROGRAMS II-I128 THROUGH II-I139

REPORT NO. EERL 74-51

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

JANUARY, 1974

CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG-MOTION EARTHQUAKE ACCELEROGRAMS
DIGITIZED AND PLOTTED DATA

Volume II - Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Part I - Accelerograms II-I-128 through II-I-139

Report No. EERL 74-51

A Report on Research Conducted Under a Grant
from the National Science Foundation

Pasadena, California

January, 1974

ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Part I, Report No. EERL 74-51, continues with the accelerograms obtained during the San Fernando earthquake of February 9, 1971, and includes three records each from the buildings at 435 N. Oakhurst Avenue and 420 N. Roxbury Drive in Beverly Hills, and 1800 Century Park East and 15910 Ventura Boulevard in Los Angeles.

TABLE OF CONTENTS

	<u>Page</u>
Preface to Volume II, Part I	1
Notes on the Volume II Series	3
Table of Instrument Characteristics	8
Earthquake Data	10
References	11
Index of Earthquake Records in Volume II, Part I	13
Plots of Corrected Accelerograms, Velocity, and Displacement, II-I-128 through II-I-139	14
Printouts of Corrected Accelerograms, II-I-128 through II-I-139	50
List of EERL Reports Available from NTIS	149

PREFACE TO VOLUME II, PART I

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from the San Fernando, California, earthquake of February 9, 1971. The corrected data for records from this earthquake appeared first in Volume II, Part C, Report No. EERL 72-51, and this continuation includes records from the following locations:

1. 435 N. Oakhurst Avenue, Beverly Hills (3 records)
2. 420 N. Roxbury Drive, Beverly Hills (3 records)
3. 1800 Century Park East, Los Angeles (3 records)
4. 15910 Ventura Boulevard, Los Angeles (3 records)

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part I, Report No. EERL 72-22.

Reference may be made to Volume II, Parts A and B, Report Nos. EERL 71-50 and 72-50, for introductory material and references to papers discussing various details of the processing and computing problems.

A separate section in Volume II, Part G, Report No. 73-52, described the results of an investigation of long period ground displacements calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm and, to a lesser extent, 35-mm film records introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the records of this part, containing only 70-mm film records, by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds.

Subsequent calculations of response and Fourier spectra, published in the corresponding parts of Volumes III and IV reflect this altered frequency band. At the same time, a number of very low amplitude accelerograms were eliminated from further processing (Volume II and on) reflecting the expectation that the resulting displacements would be dominated by noise. Included in this group of accelerograms, and therefore eliminated from this part, is 1140 from the Borrego Springs Fire Department, Borrego Springs.

Several comments applying to every report of the Volume II series of corrected digitized data are included in the next section.

NOTES ON THE VOLUME II SERIES

The following includes some general background information describing the Volume II series.

Contents of the Various Parts. Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971 and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando earthquake of February 9, 1971. All the records considered suitable for standard digitizing will be included in the issues following Part C.

Component Directions. A description of the naming of component directions for the records was given in Volume II, Part B. Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base. It follows that the true ground acceleration will be opposite to

the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction.

Description of the Plots and Listings. The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity, and displacement appear first, with details of the earthquake, the recording site, and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

Assessment of Long Period Errors. A separate section in Volume II, Part G, Report No. EERL 73-52, entitled "Current Assessment of Long Period Errors" describes the results of a recent investigation of long period displacements calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm film and, to a lesser extent, 35-mm film records from the San Fernando earthquake of February 9, 1971, introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds in the Volume II correction procedure. The following list of Caltech reference numbers indicates the records from the San Fernando earthquake included in Volume I, Parts C through S, that have been processed with the cut-off period of 8 seconds:

Parts G, H, I, K, N, Q, R, S: All records in these parts.

Part J: Records J142 and J145 through J150.

Part L: Records L166, L167, L168; L172 through L175.

Part M: Records M176, M177, M178; M180 through M184.

Part O: Records O198 through O201; O206, O208, O210.

Part P: Records P231 and P232.

A decision was also made at the same time to eliminate a number of very low amplitude accelerograms from further processing (Volume II and on) reflecting the expectation that the resulting displacement records will be dominated by noise. Their Caltech reference numbers are as follows:

H127; I140; J151, J152; K153 through K156, K161 through K165; O202, O203, O209, O211, O212; P224 through P230.

It is apparent in some of the displacement plots in this entire series of Volume II reports, but particularly in the earlier parts, that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 14 seconds (and roll-off termination at 20 seconds), or in the case of 70- and 35-mm film records from the San Fernando earthquake, the cut-off of 8 seconds (and roll-off termination at 10 seconds), but it is evident that for some records these cut-off periods are in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal-to-noise ratio. This noise arises primarily from

random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 14 seconds, or 8 seconds as the case may be, should be used to remove these components from the acceleration data. It is clear, of course, that in routine processing of accelerograms, such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record.

Availability of Reports and Data. All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U. S. Department of Commerce
Springfield, Virginia 22151

Information on the availability and costs of punched cards and magnetic tapes containing this data, and the data from other volumes in the series, may be obtained from the National Information Service for Earthquake Engineering, the Earthquake Engineering Research Laboratory, California Institute of Technology.

Acknowledgments. We are grateful to the staff members of the Earthquake Engineering Research Laboratory who at all stages of the project continue to devote their time and attention to producing these reports and the corresponding cards and tapes. In particular we are

indebted to Mr. Vincent Lee for carrying out the computing side of the project with such enthusiasm, to Miss Barbara Turner and Miss Sharon Vedrode for typing and editing, and to the staff of the Willis H. Booth Computing Center and the Graphic Arts Facilities. We appreciate the major support from the National Science Foundation that has made the entire project possible, and the continued contributions from the Earthquake Research Affiliates Program of the California Institute of Technology.

M. D. Trifunac
A. G. Brady
D. E. Hudson
Earthquake Engineering Research Laboratory
California Institute of Technology

INSTRUMENT CHARACTERISTIC FOR SAN FERNANDO EARTHQUAKE, 2/9/71, 0600 PST

Series Ref. No.	Caltech Log. No.	Instrmt: Serial No.	Station No.: Location	Component Direction	Period T ₀ , (sec)	Sens. (cm/g)	* Damp Ratio, ϵ	Damp %crit.
II-I-128	71.087	SMA-1 109	452 Beverly Hills, 435 N. Oakhurst Ave. Basement	North West Down	0.035 0.041 0.037	1.66 1.69 1.58	5.6 10.7 8.1	48.3 60.2 55.3
II-I-129	71.088	SMA-1 105	453 Beverly Hills, 435 N. Oakhurst Ave. 5th Floor	North West Down	0.032 0.031 0.034	1.70 1.60 1.70	5.2 5.7 5.3	46.3 48.3 47.1
II-I-130	71.089	SMA-1 107	454 Beverly Hills, 435 N. Oakhurst Ave. Roof	North West Down	0.036 0.038 0.036	1.71 1.76 1.56	6.3 10.2 7.1	50.6 59.4 53.1
II-I-131	71.121	SMA-1 151	455 Beverly Hills, 420 N. Roxbury Dr. 1st Floor	N50E N40W Down	0.040 0.040 0.041	1.83 1.80 1.80	9.6 10.1 9.4	58.4 59.2 58.0
II-I-132	71.120	SMA-1 153	456 Beverly Hills, 420 N. Roxbury Dr. 5th Floor	N50E N40W Down	0.040 0.040 0.042	1.81 1.69 1.86	8.5 8.5 6.1	56.2 56.4 50.0
II-I-133	71.122	SMA-1 152	457 Beverly Hills, 420 N. Roxbury Dr. 10th Floor	N50E N40W Down	0.039 0.041 0.041	1.66 1.81 1.84	13.8 7.8 10.1	64.1 54.6 59.2
II-I-134	71.126	SMA-1 141	425 L. A., 1800 Century Park East Basement (P-3)	N54E S36E Down	0.039 0.040 0.040	1.80 1.98 1.80	6.3 9.3 5.7	50.7 57.8 48.5
II-I-135	71.127	SMA-1 140	426 L. A., 1800 Century Park East 5th Floor	N54E S36E Down	0.040 0.040 0.042	1.78 1.85 1.78	4.6 7.3 4.9	43.6 53.4 45.3
II-I-136	71.128	SMA-1 135	427 L. A., 1800 Century Park East Penthouse	N54E S36E Down	0.039 0.040 0.040	1.69 1.73 1.82	6.3 5.9 7.5	50.4 49.0 54.0

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2/9/71, 0600 PST (cont)

Series Ref. No.	Caltech Log No.	Instrmt: Serial No.	Station No.: Location	Component Direction	Period T _o , (sec)	Sens. (cm/g)	Damp Ratio, ε	Damp % crit.
II-I-137	71.135	SMA-1 182	461 L. A., 15910 Ventura Blvd. Basement	S81E S09W Down	0.042 0.041 0.041	2.09 2.00 1.95	12.9 9.9 10.8	63.1 59.0 60.4
II-I-138	71.136	SMA-1 181	462 L. A., 15910 Ventura Blvd. 9th Floor	S81E S09W Down	0.040 0.038 0.040	1.93 1.74 1.90	14.5 8.4 13.2	64.8 56.1 63.4
II-I-139	71.137	SMA-1 180	463 L. A., 15910 Ventura Blvd. 19th Floor	S81E S09W Down	0.038 0.041 0.039	1.67 1.87 1.95	9.2 9.2 12.3	57.7 57.6 62.4

*Static Magnification, $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left(\frac{2\pi}{T_o(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Asterisked sensitivities are nominal values.

Damping Ratio, $\epsilon = \exp [\pi n / \sqrt{1-n^2}]$ where n is the fraction of critical damping.

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.0'N$, $118^{\circ}23.7'W$; maximum intensity, XI;
revised magnitude (M_L), 6.4; depth, 13.0 km.

REFERENCES (See additional list, page 149)

- (April-May, 1971). "The San Fernando Earthquake," California Geology, v. 24, n. 4-5.
 - (November, 1971). "Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D.C.
- Barrows, A. G., et al (1971). "Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," California Division of Mines and Geology.
- Bolt, B. A. (August, 1972). "San Fernando Rupture Mechanism and the Pacoima Strong-Motion Record," Bull. Seism. Soc. Am., v. 62, n. 4, 1053-1061.
- Boore, D. M. (October, 1973). "The Effect of Simple Topography on Seismic Waves: Implications for the Accelerations Recorded at Pacoima Dam, San Fernando Valley, California," Bull. Seism. Soc. Am., v. 63, n. 5, 1603-1609.
- Canitez, N. and M. N. Toksöz (May, 1972). "Static and Dynamic Study of Earthquake Source Mechanism: San Fernando Earthquake," Journal of Geophysical Research, v. 77, n. 14, 2583-2594.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Am., v. 61, n. 2, 491-495.
- Hanks, T. C. (February, 1974). "The Faulting Mechanism of the San Fernando, California, Earthquake," J. Geophys. Res., v. 79, In Press.
- Housner, G. W. and P. C. Jennings (July-September, 1972). "The San Fernando California Earthquake," Earthquake Engineering and Structural Dynamics, The Journal of the International Association for Earthquake Engineering, v. 1, n. 1, 5-31.
- Hudson, D. E. (December, 1972). "Local Distribution of Strong Earthquake Ground Motions," Bull. Seism. Soc. Am., v. 62, n. 6, 1765-1786.
- Mikumo, T. (1973). "Faulting Process of the San Fernando Earthquake of February 9, 1971 Inferred from Static and Dynamic Near-Field Displacements," Bull. Seism. Soc. Am., v. 63, n. 1, 249-269.

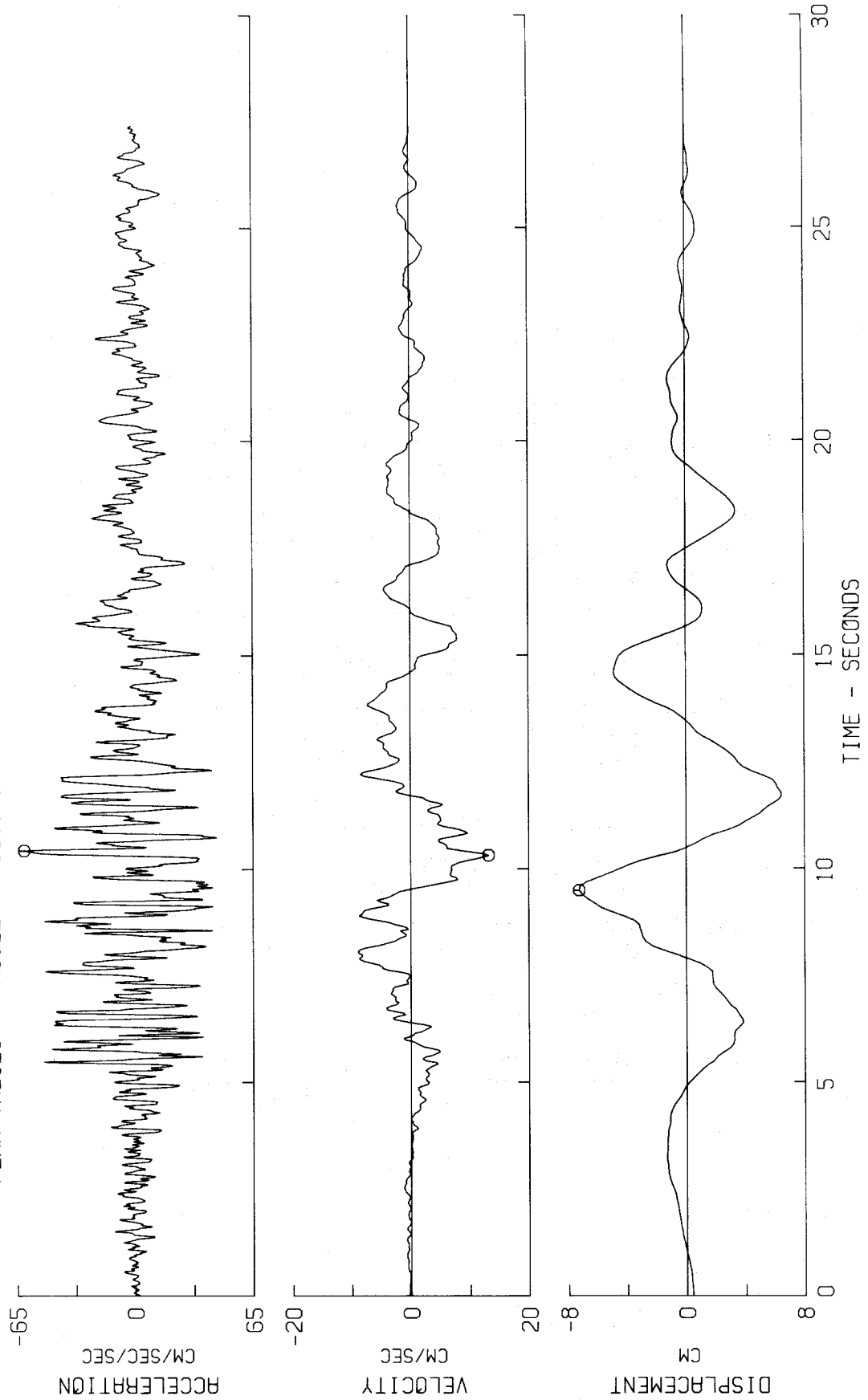
- Perez, V. (1973). "Velocity Response Envelope Spectrum as a Function of Time, for the Pacoima Dam, San Fernando Earthquake, February 9, 1971," Bull. Seism. Soc. Am., v. 63, n. 1, 299-313.
- Proctor, R. J., R. Crook, Jr., M. H. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971 San Fernando Earthquake, Southern California," Bull. Geol. Soc. Am., v. 83, 1601-1618.
- Scott, R. F. (October, 1973). "The Calculation of Horizontal Accelerations from Seismoscope Records," Bull. Seism. Soc. Am., v. 63, n. 5, 1637-1661.
- Steinbrugge, K. V., et al (August, 1971). "The San Fernando Earthquake, February 9, 1971," Pacific Fire Rating Bureau, 465 California Street, San Francisco, California.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Am., v. 62, n. 3, 721-750.
- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Am., v. 61, n. 5, 1393-1411.
- Trifunac, M. D. (February, 1974). "A Three-Dimensional Dislocation Model for the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Am., v. 64, n. 1, In Press.
- U. S. Department of Commerce (March, 1971). "The San Fernando, California, Earthquake of February 9, 1971," National Bureau of Standards Report 10556.
- U. S. Department of Commerce (December, 1971). "Engineering Aspects of the 1971 San Fernando Earthquake," Building Science Series 40, National Bureau of Standards.
- U. S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, (preliminary report).

INDEX OF EARTHQUAKE RECORDS

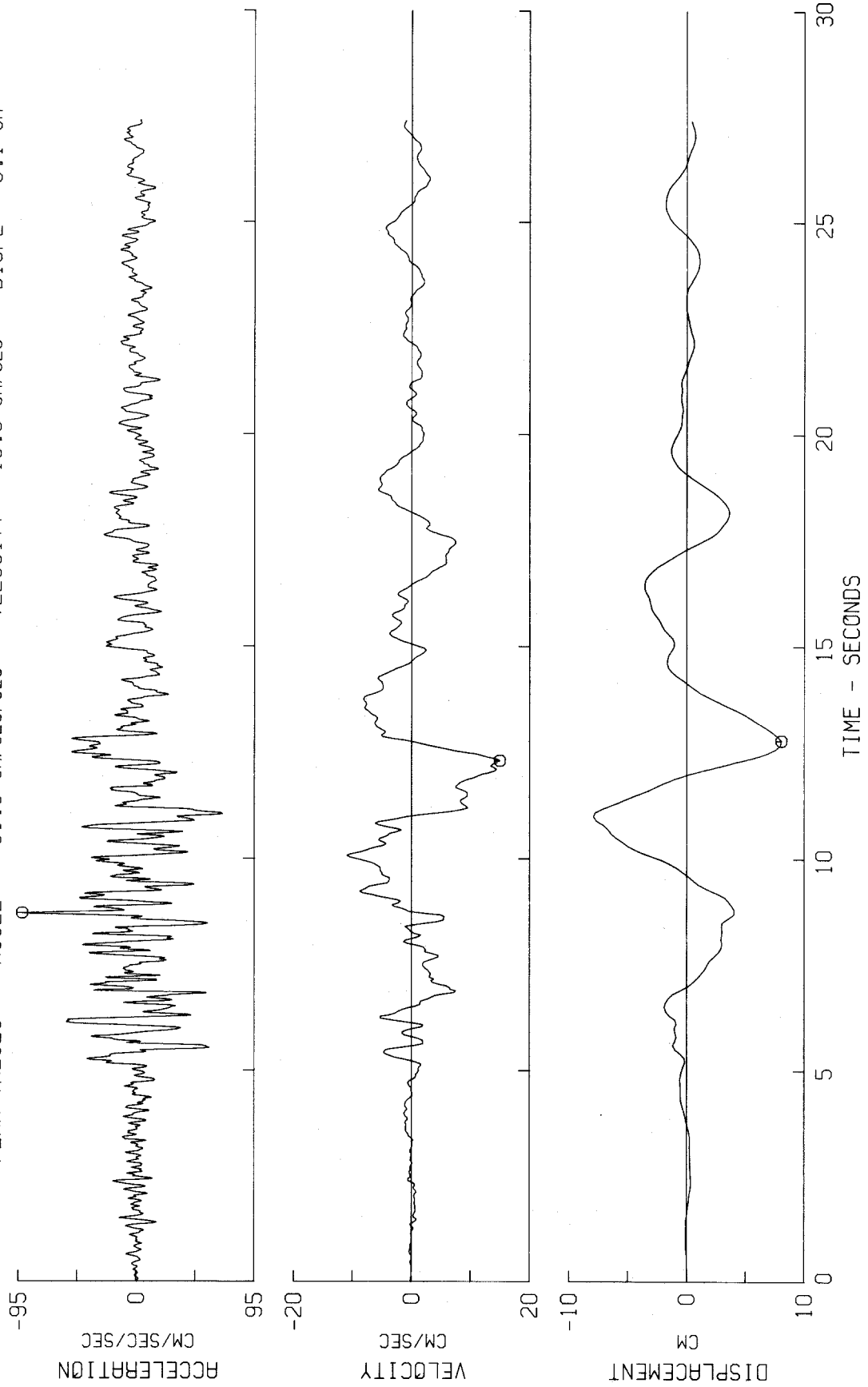
VOLUME II, PART I

	<u>Records</u>	<u>Plot</u>	<u>Print-Out</u>
San Fernando Earthquake, February 9, 1971 - 0600 PST			
II-I-128;	435 N. Oakhurst Ave., Beverly Hills, Calif.; Basement; North, West, Down	14	50
II-I-129;	435 N. Oakhurst Ave., Beverly Hills, Calif.; 5th Floor; North, West, Down	17	56
II-I-130;	435 N. Oakhurst Ave., Beverly Hills, Calif.; Roof; North, West, Down	20	62
II-I-131;	420 N. Roxbury Dr., Beverly Hills, Calif.; 1st Floor; N50E, N40W, Down	23	68
II-I-132;	420 N. Roxbury Dr., Beverly Hills, Calif.; 5th Floor; N50E, N40W, Down	26	77
II-I-133;	420 N. Roxbury Dr., Beverly Hills, Calif.; 10th Floor; N50E, N40W, Down	29	86
II-I-134;	1800 Century Park East, Los Angeles, Calif.; Basement (P-3); N54E, S36E, Down	32	95
II-I-135;	1800 Century Park East, Los Angeles, Calif.; 5th Floor; N54E, S36E, Down	35	104
II-I-136;	1800 Century Park East, Los Angeles, Calif.; Penthouse; N54E, S36E, Down	38	113
II-I-137;	15910 Ventura Blvd., Los Angeles, Calif.; Basement; S81E, S09W, Down	41	122
II-I-138;	15910 Ventura Blvd., Los Angeles, Calif.; 9th Floor; S81E, S09W, Down	44	131
II-I-139;	15910 Ventura Blvd., Los Angeles, Calif.; 19th Floor; S81E, S09W, Down	47	140

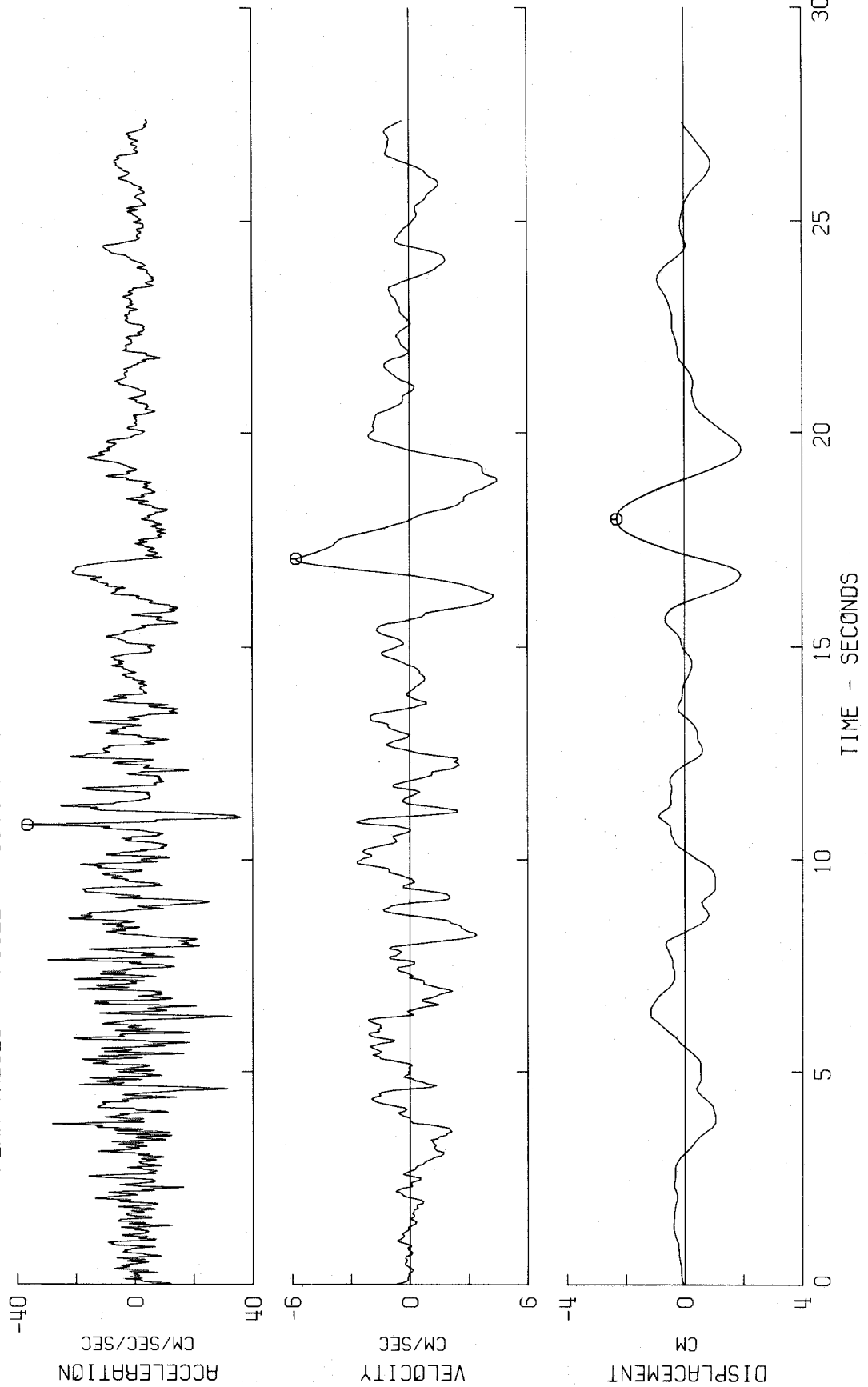
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1128 71.087.0 435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL. COMP NOOE
O PEAK VALUES : ACCEL = -60.9 CM/SEC/SEC VELOCITY = 13.2 CM/SEC DISPL = -7.2 CM



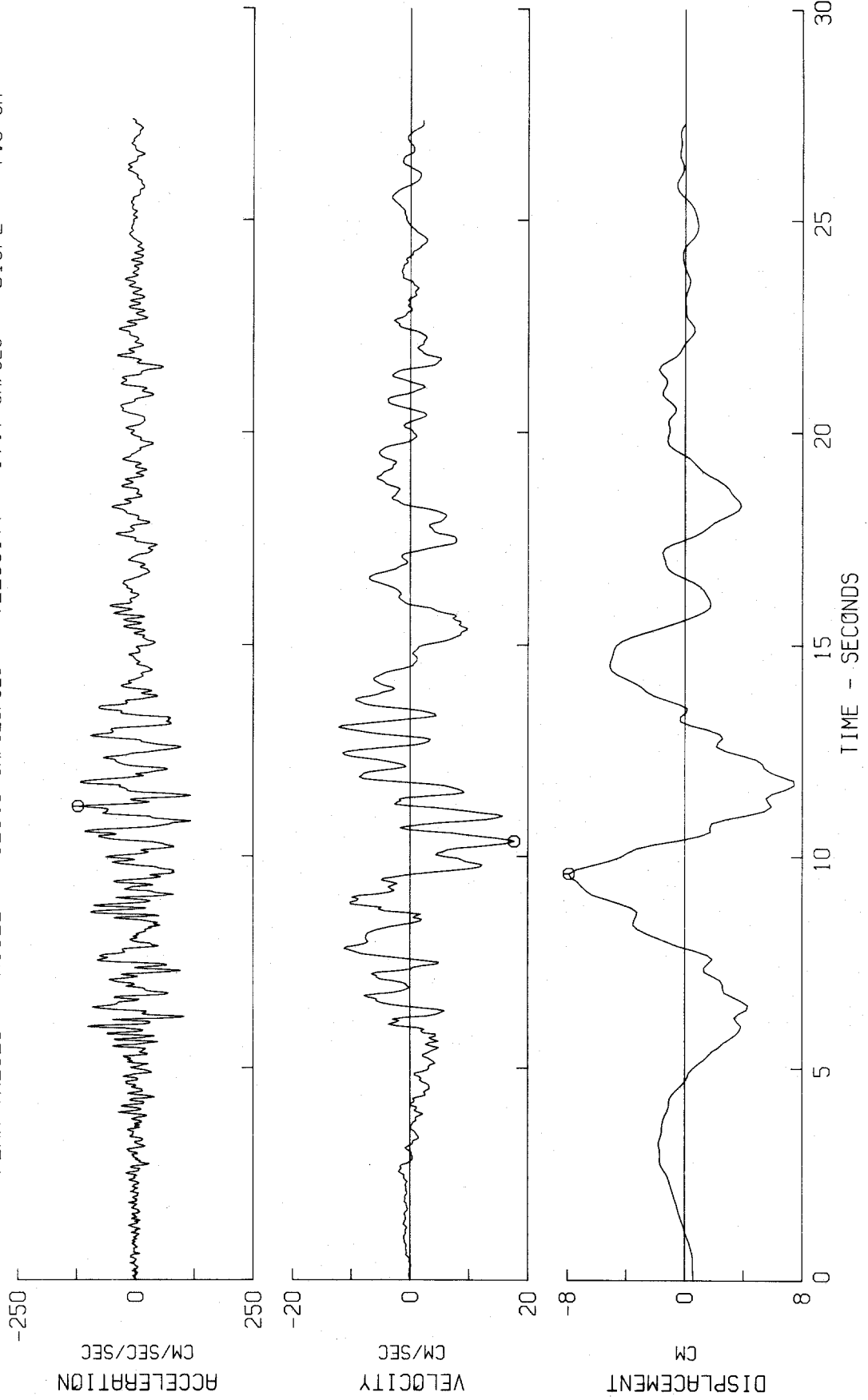
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 128 71.087.0 435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL. COMP S90W
O PEAK VALUES : ACCEL = -91.6 CM/SEC/SEC VELOCITY = 15.0 CM/SEC DISPL = 8.1 CM



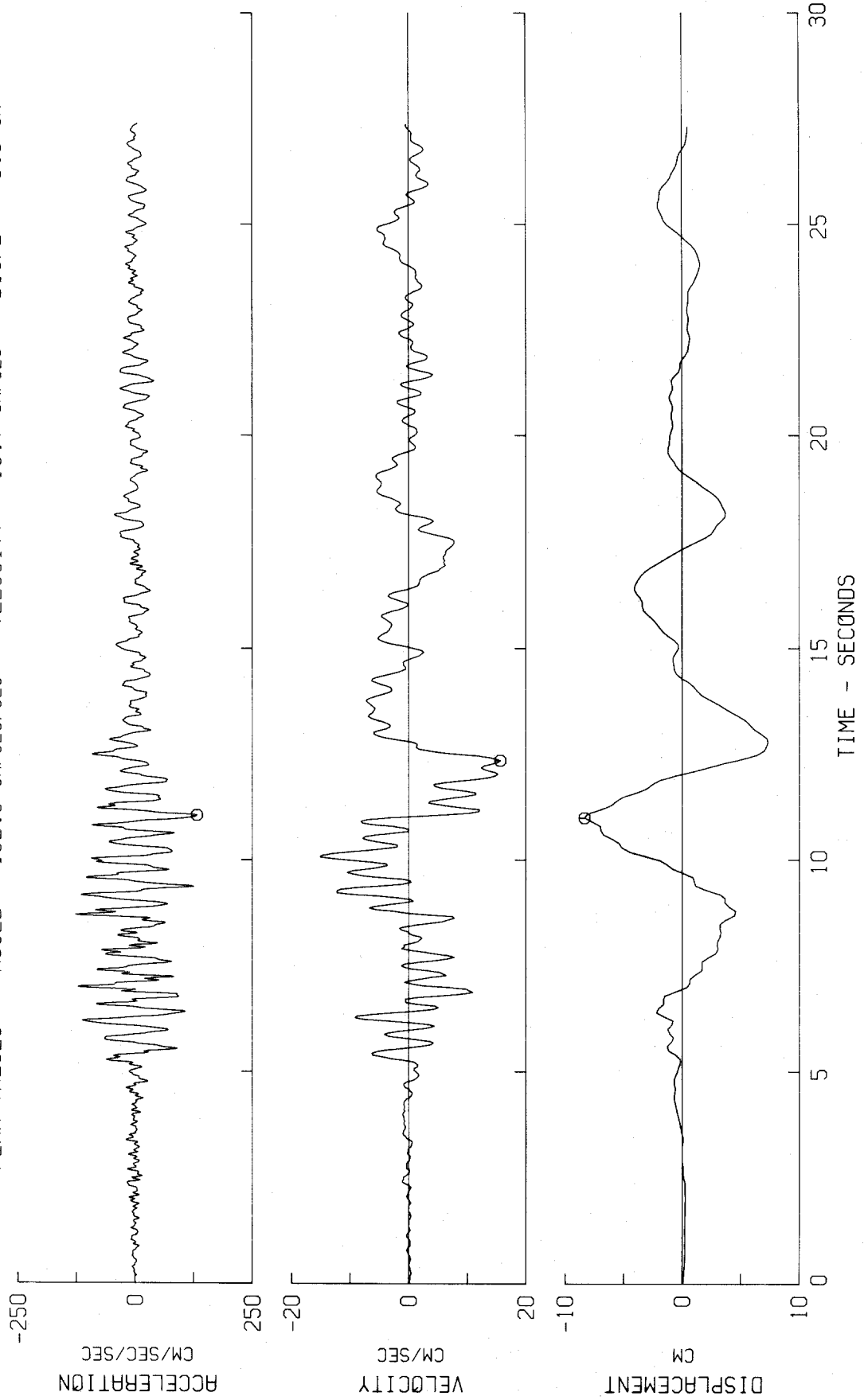
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I128 71.087.0 435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL. COMP DOWN
O PEAK VALUES : ACCEL = -36.4 CM/SEC/SEC VELOCITY = -5.8 CM/SEC DISPL = -2.3 CM



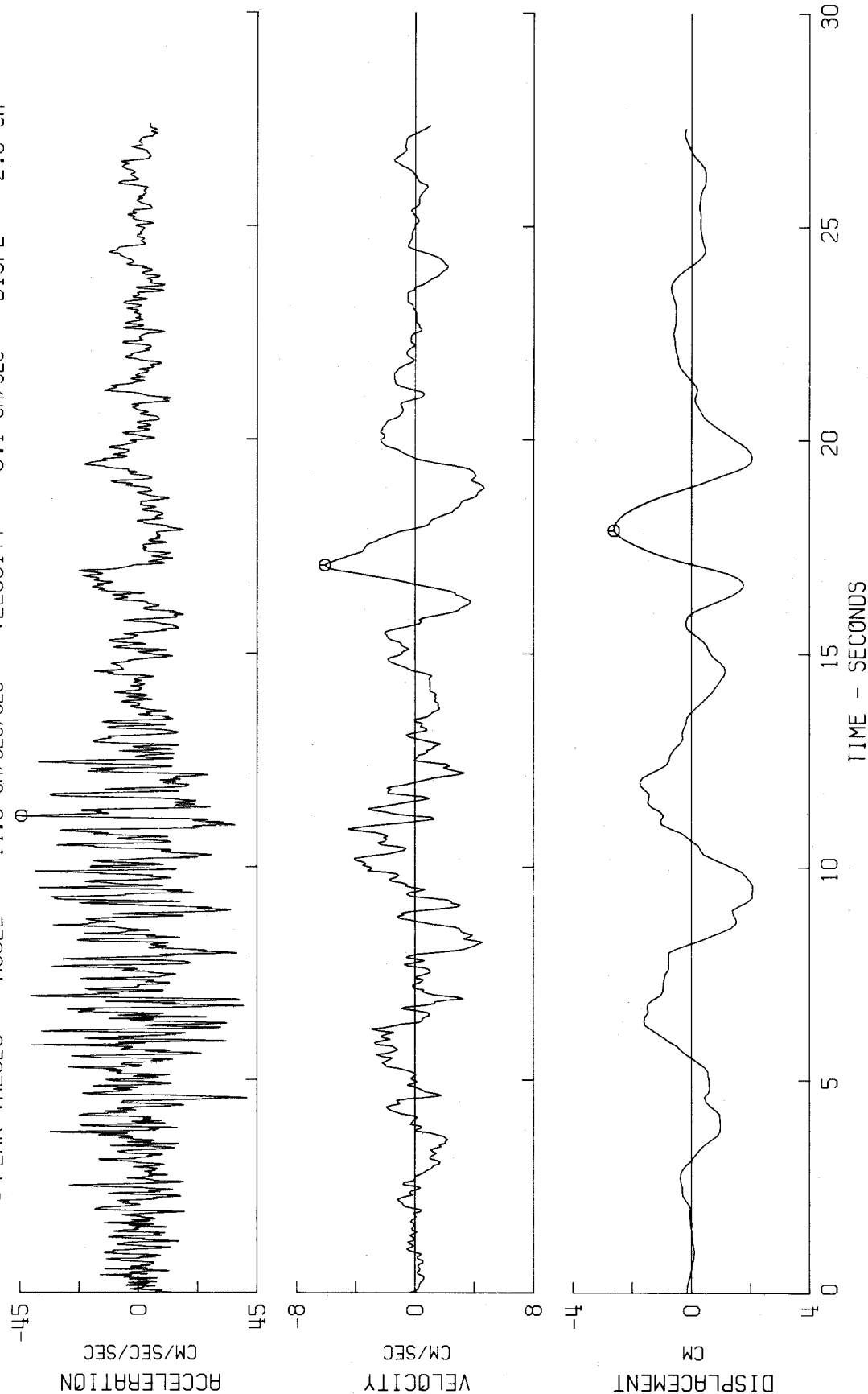
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 129 71.088.0 435 NORTH OAKHURST AVENUE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP NOOE
O PEAK VALUES : ACCEL = -121.6 CM/SEC/SEC VELOCITY = 17.7 CM/SEC DISPL = -7.9 CM



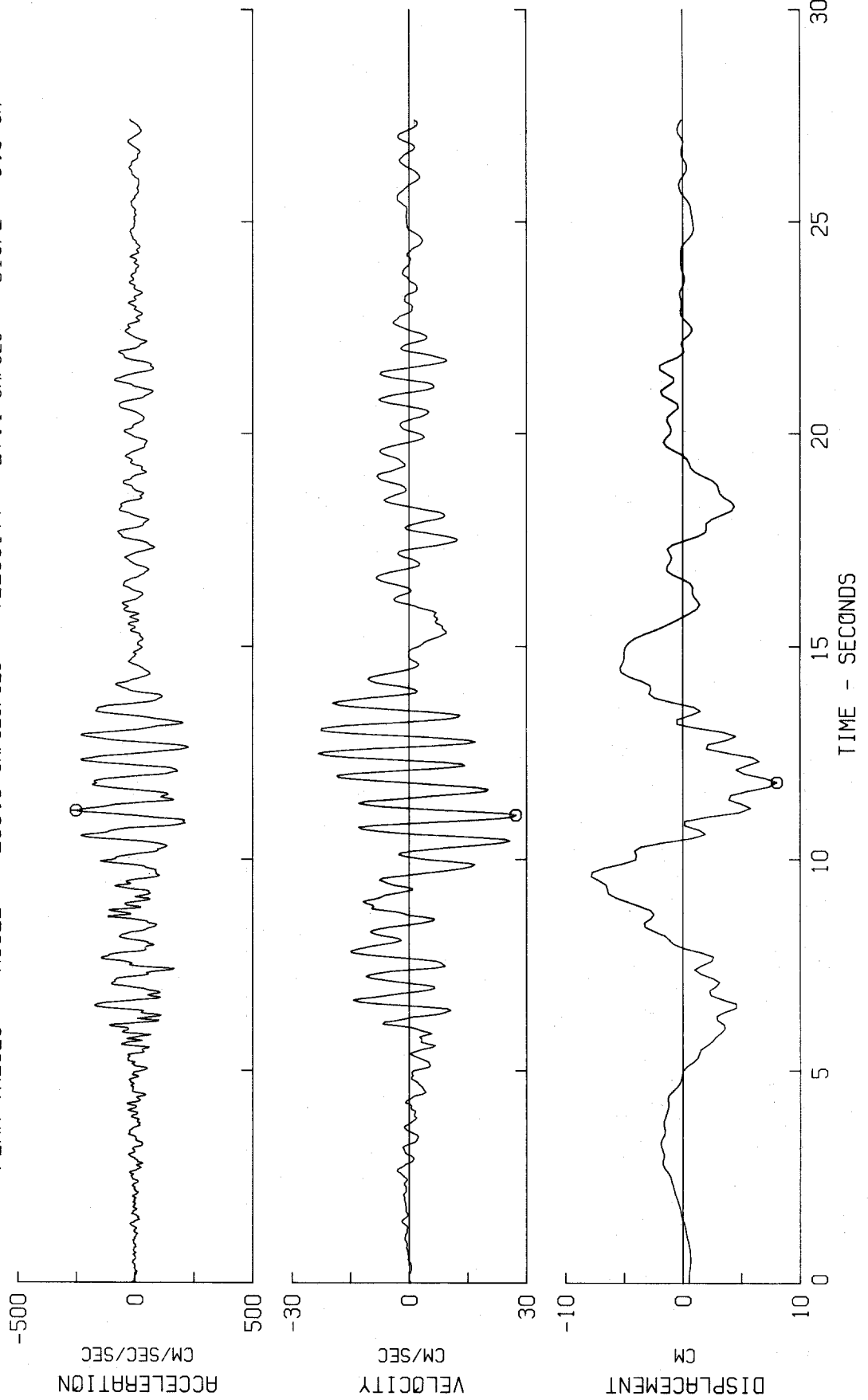
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 129 71.088.0 435 NORTH OAKHURST AVENUE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP S90W
O PEAK VALUES : ACCEL = 132.3 CM/SEC/SEC VELOCITY = 15.7 CM/SEC DISPL = -8.3 CM



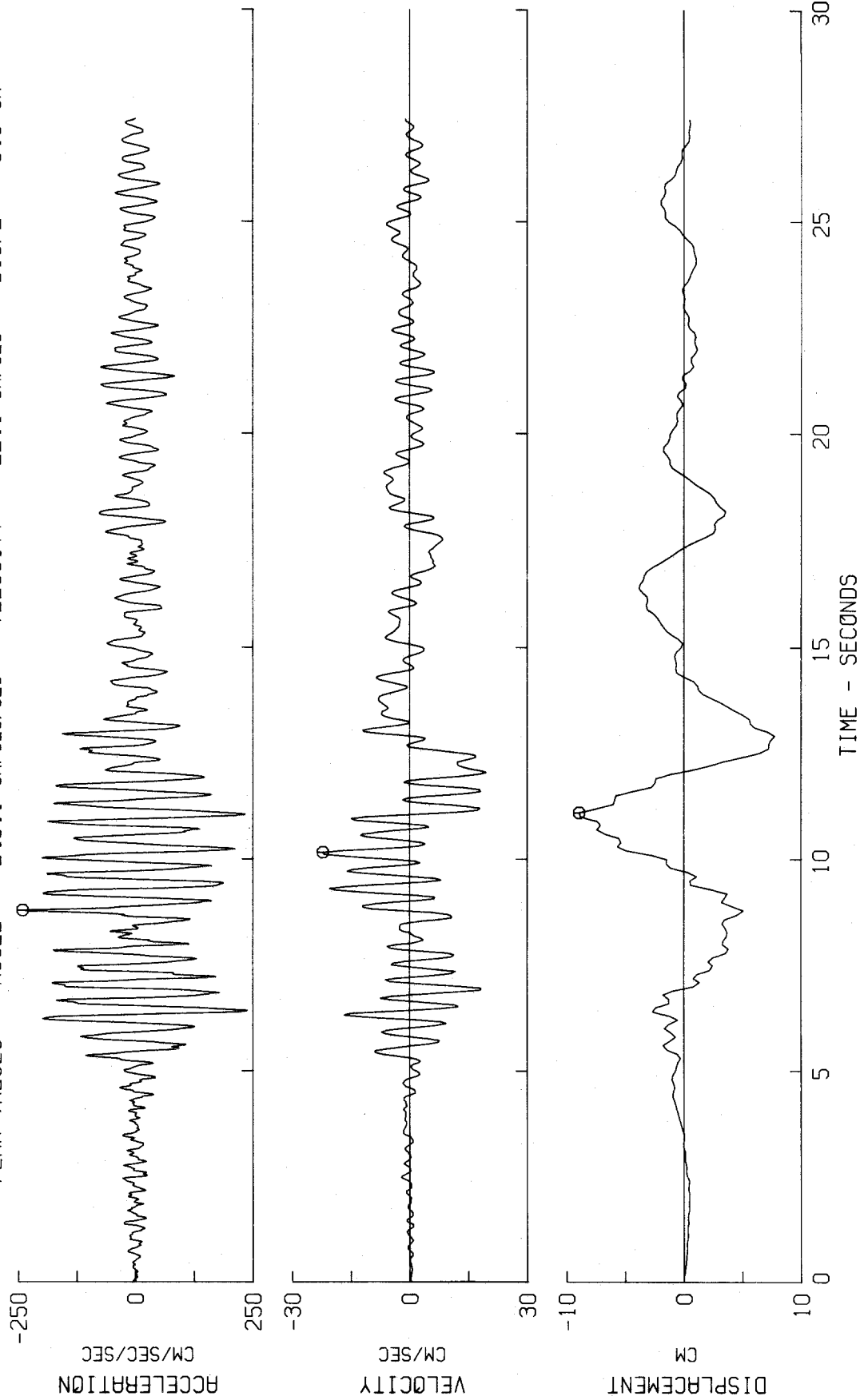
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 II-I 129 71.088.0 435 NORTH OAKHURST AVENUE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP DOWN
 PEAK VALUES : ACCEL = -44.5 CM/SEC/SEC VELOCITY = -6.1 CM/SEC DISPL = -2.6 CM



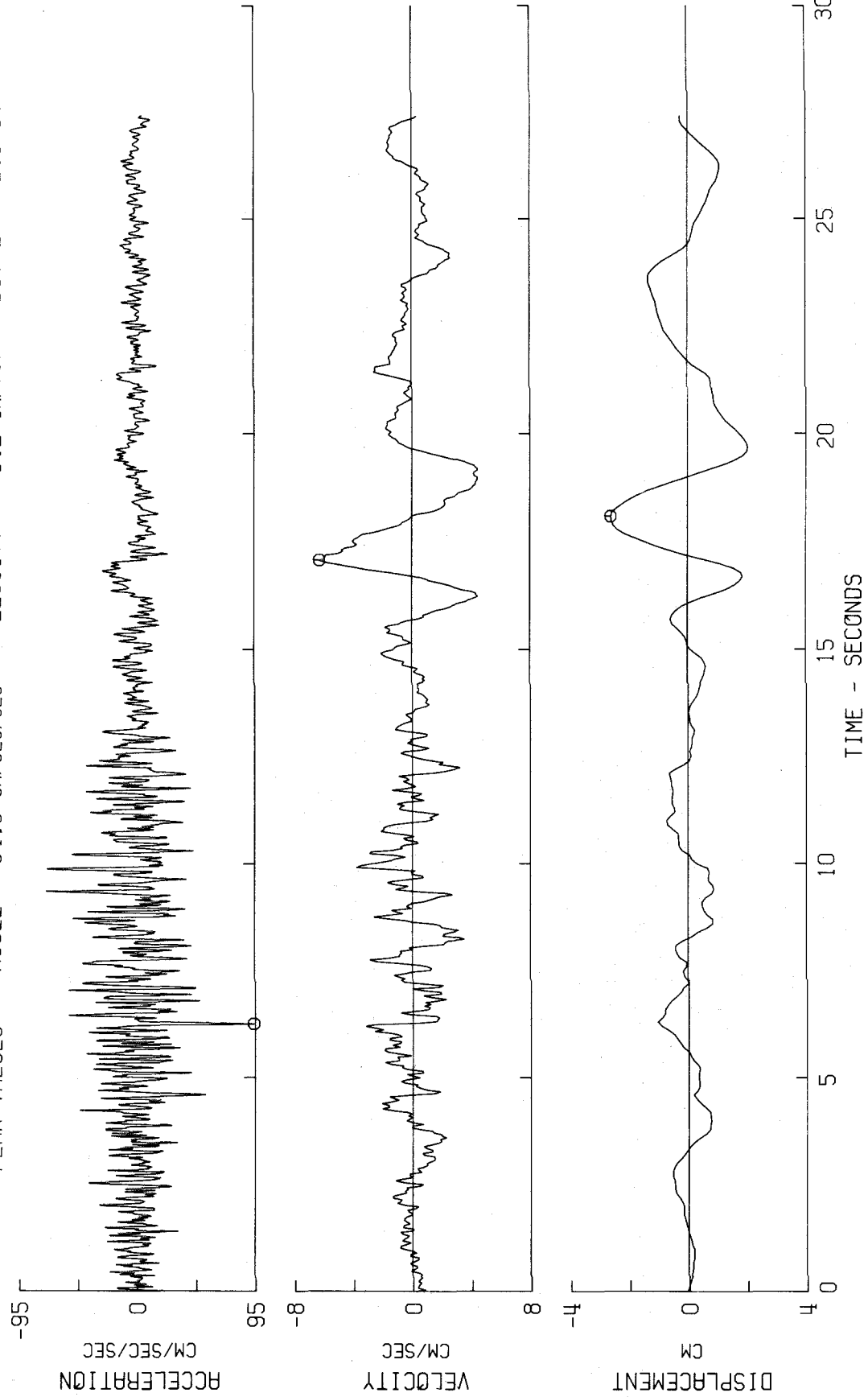
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I130 71.089.0 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL. COMP NOOE
⊙ PEAK VALUES : ACCEL = -250.9 CM/SEC/SEC VELOCITY = 27.4 CM/SEC DISPL = 8.0 CM



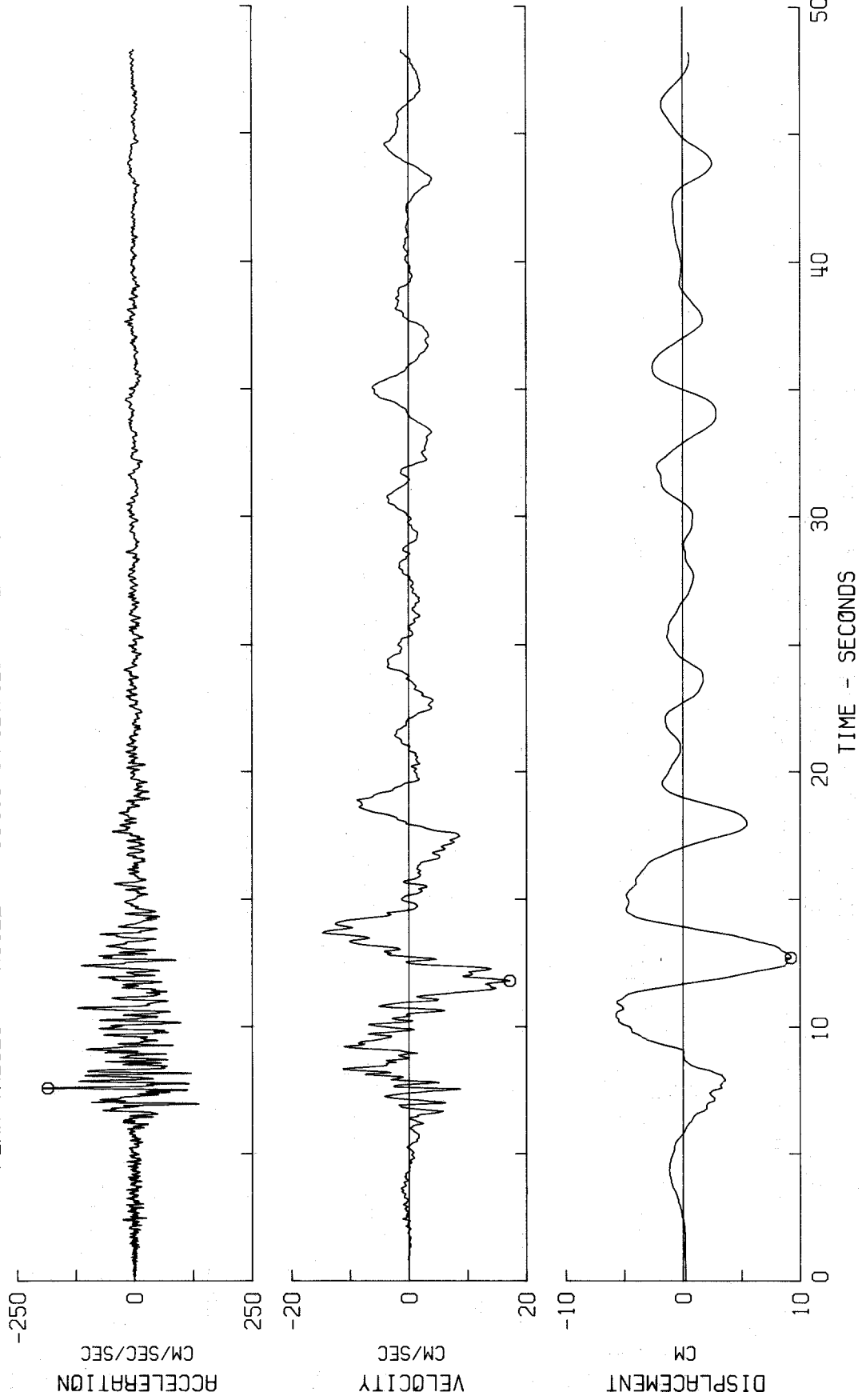
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-II130 71.089.0 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL. COMP S90W
PEAK VALUES : ACCEL = -240.1 CM/SEC/SEC VELOCITY = -22.1 CM/SEC DISPL = -8.9 CM



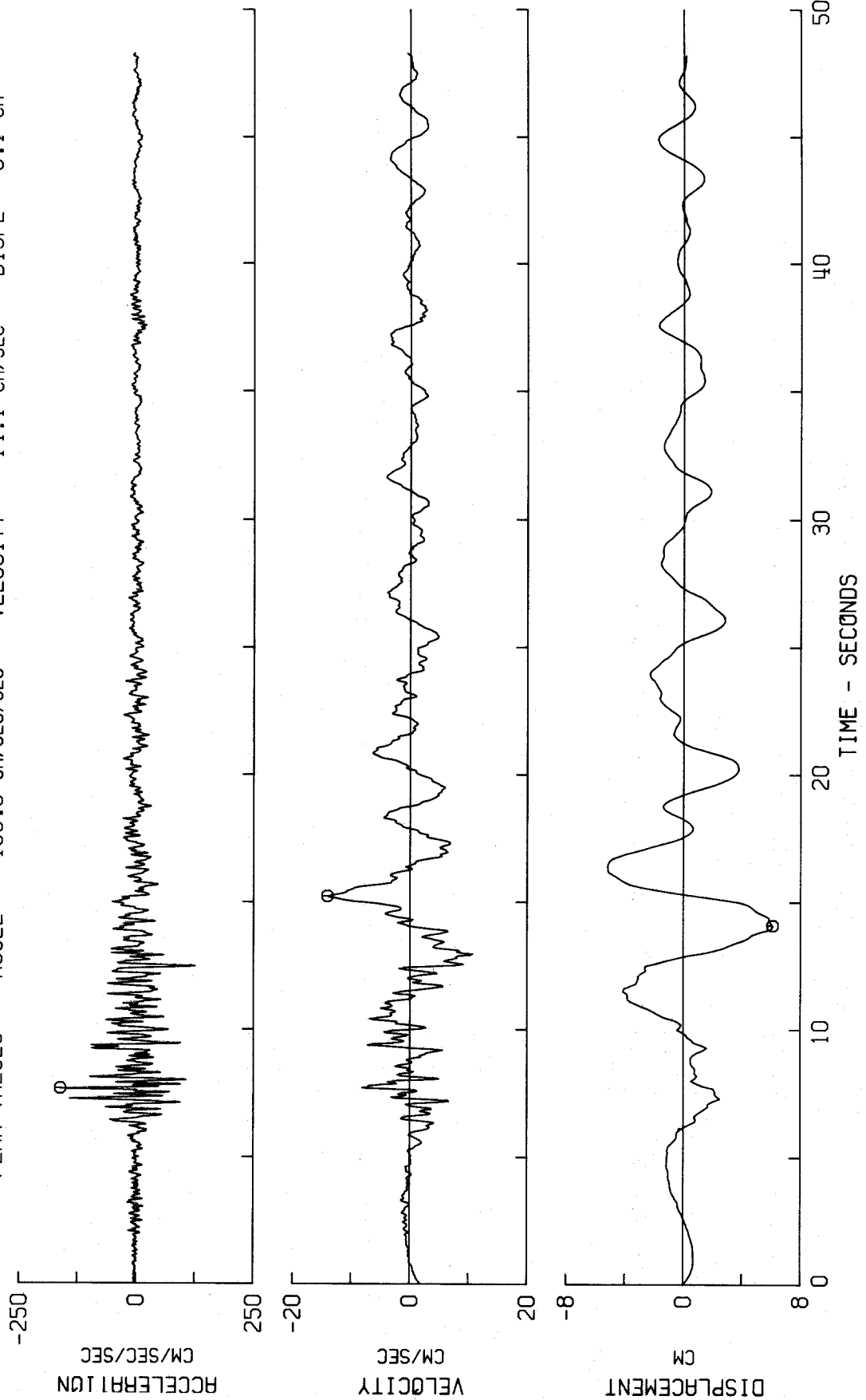
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1130 71.089.0 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL. COMP DOWN
O PEAK VALUES : ACCEL = 94.0 CM/SEC/SEC VELOCITY = -6.2 CM/SEC DISPL = -2.6 CM



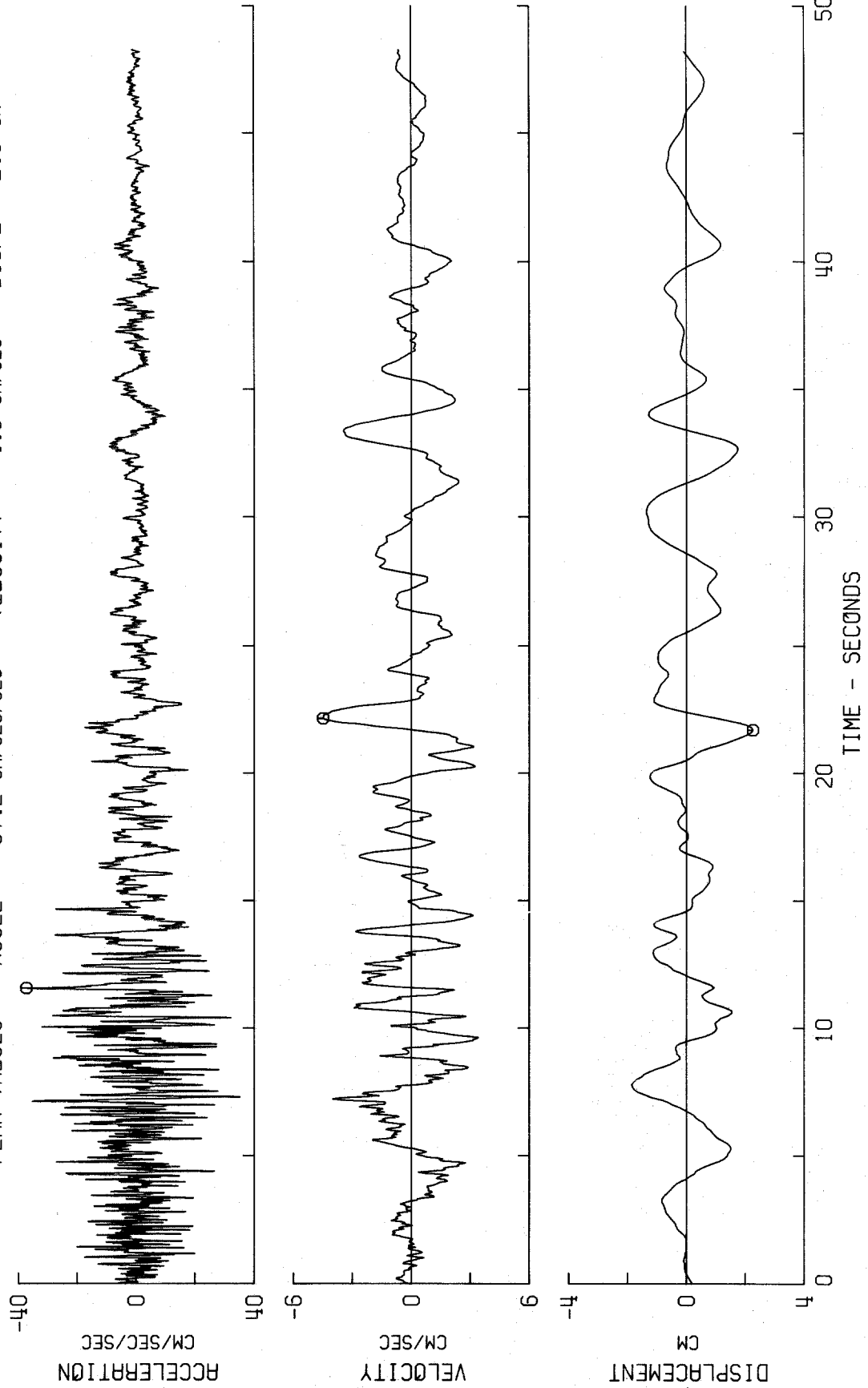
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I131 71.121.0 450 NORTH ROXBURY DRIVE, FIRST FLOOR, BEVERLY HILLS, CAL. COMP N50E
O PEAK VALUES : ACCEL = -184.3 CM/SEC/SEC VELOCITY = 17.2 CM/SEC DISPL = 9.2 CM



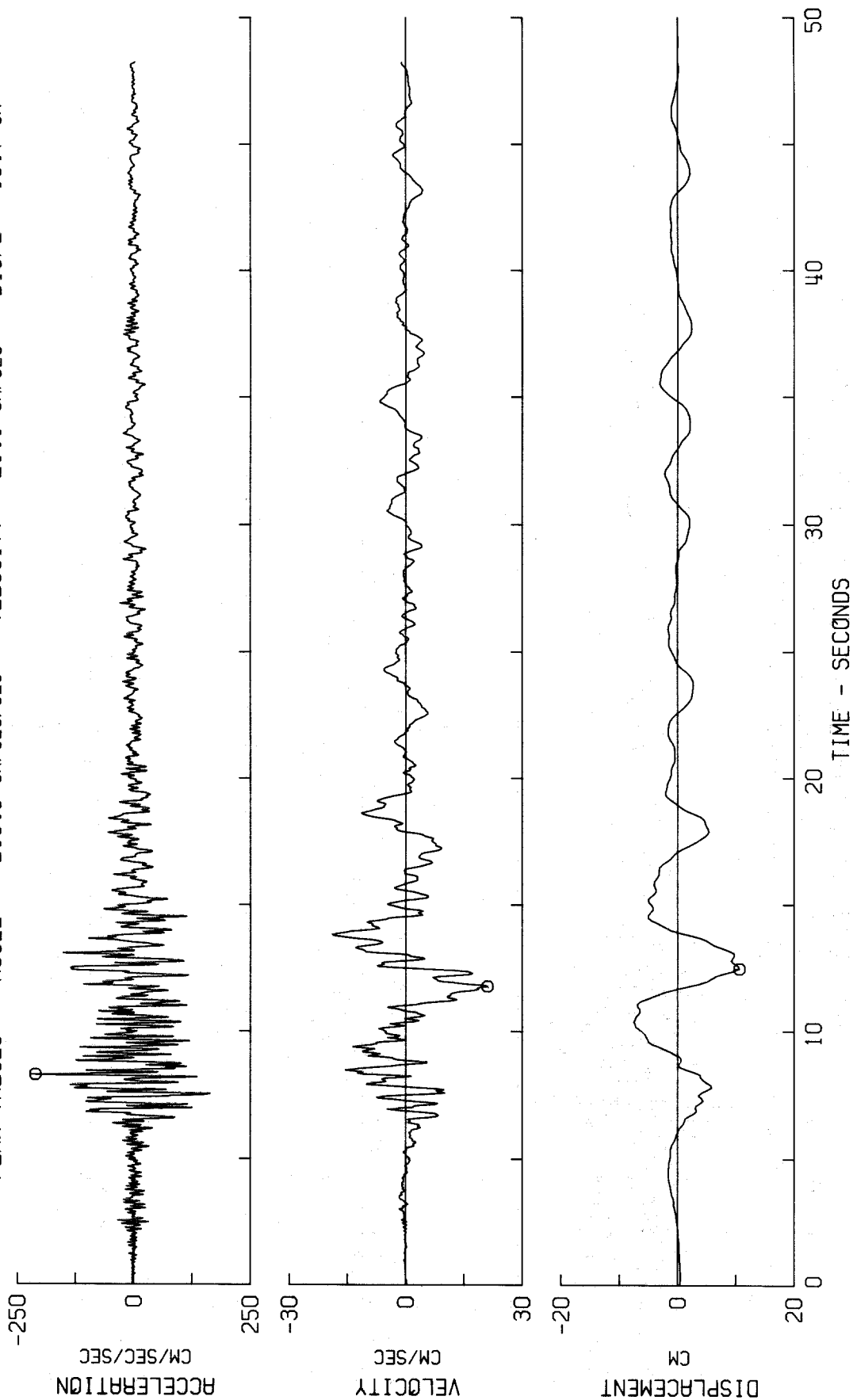
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I131 71.121.0 450 NORTH ROXBURY DRIVE, FIRST FLOOR, BEVERLY HILLS, CAL. COMP N40W
O PEAK VALUES : ACCEL = -160.6 CM/SEC/SEC VELOCITY = -14.1 CM/SEC DISPL = 6.1 CM



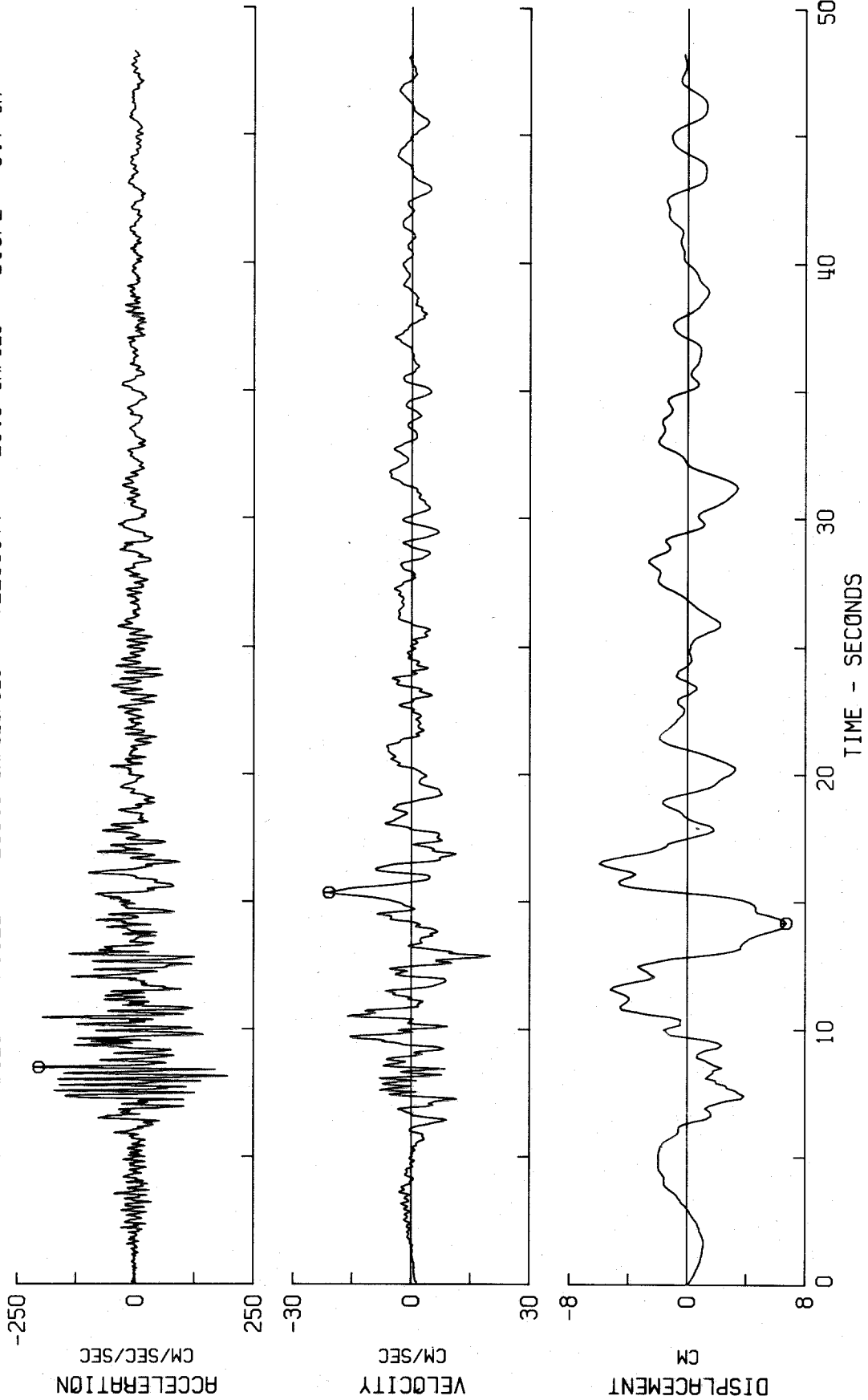
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 131 71.121.0 450 NORTH ROXBURY DRIVE, FIRST FLOOR, BEVERLY HILLS, CAL. COMP DOWN
PEAK VALUES : ACCEL = -37.2 CM/SEC/SEC VELOCITY = -4.5 CM/SEC DISPL = 2.3 CM



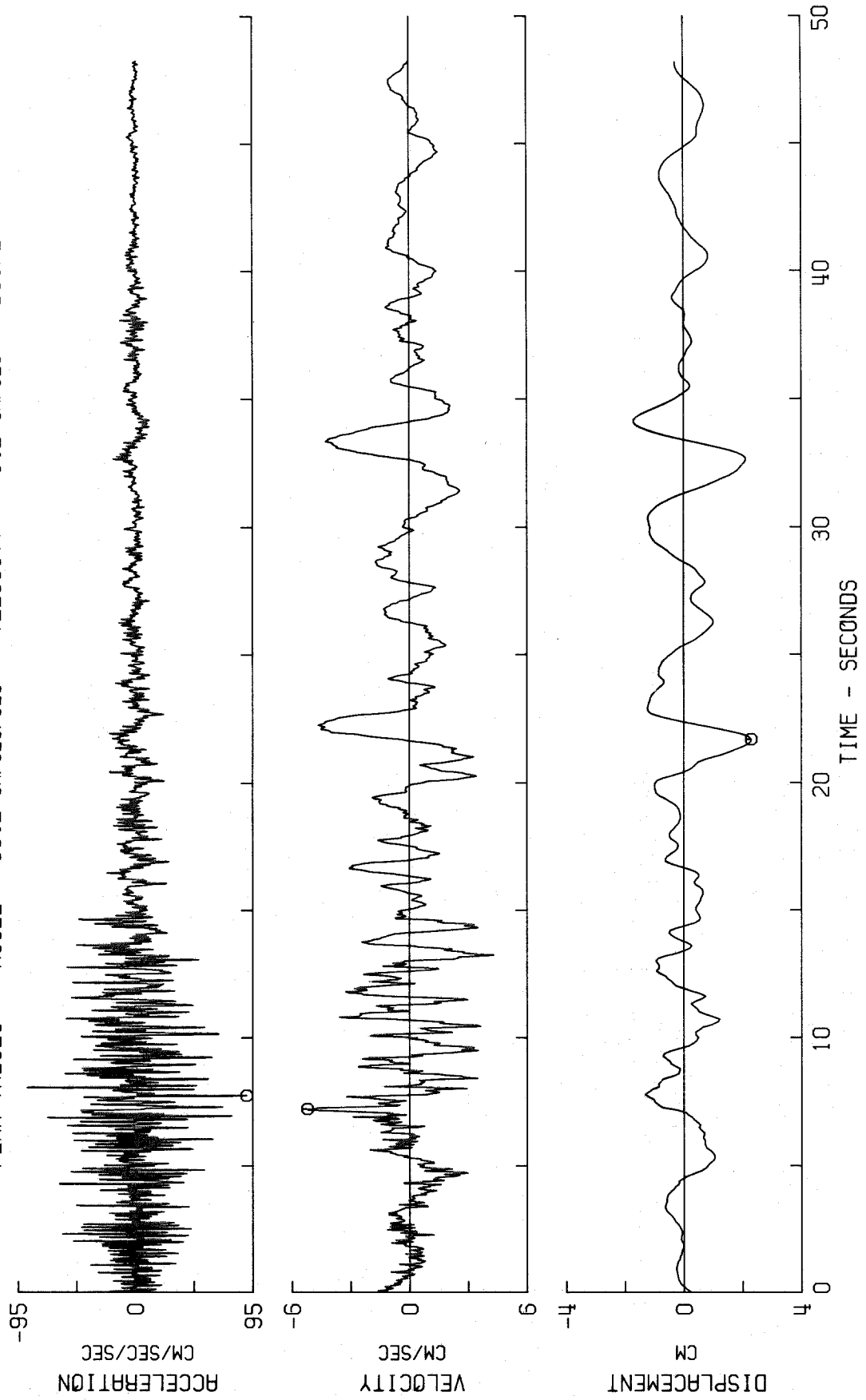
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1132 71.120.0 450 NORTH ROXBURY DRIVE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP N50E
O PEAK VALUES : ACCEL = -210.9 CM/SEC/SEC VELOCITY = 21.1 CM/SEC DISPL = 10.7 CM



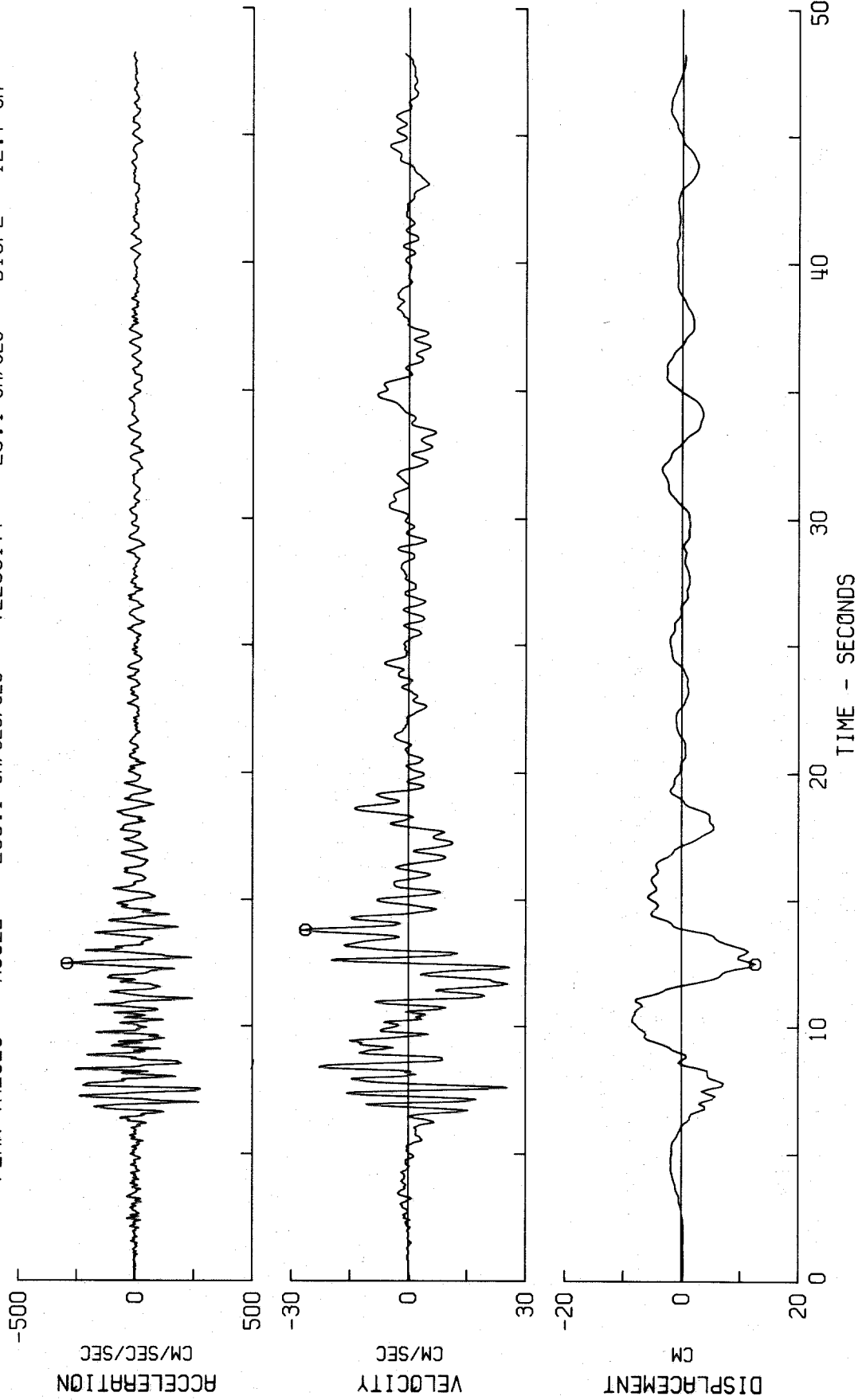
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1132 71.120.0 450 NORTH ROXBURY DRIVE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP N40W
⊙ PEAK VALUES : ACCEL = -203.1 CM/SEC/SEC VELOCITY = -20.9 CM/SEC DISPL = 6.7 CM



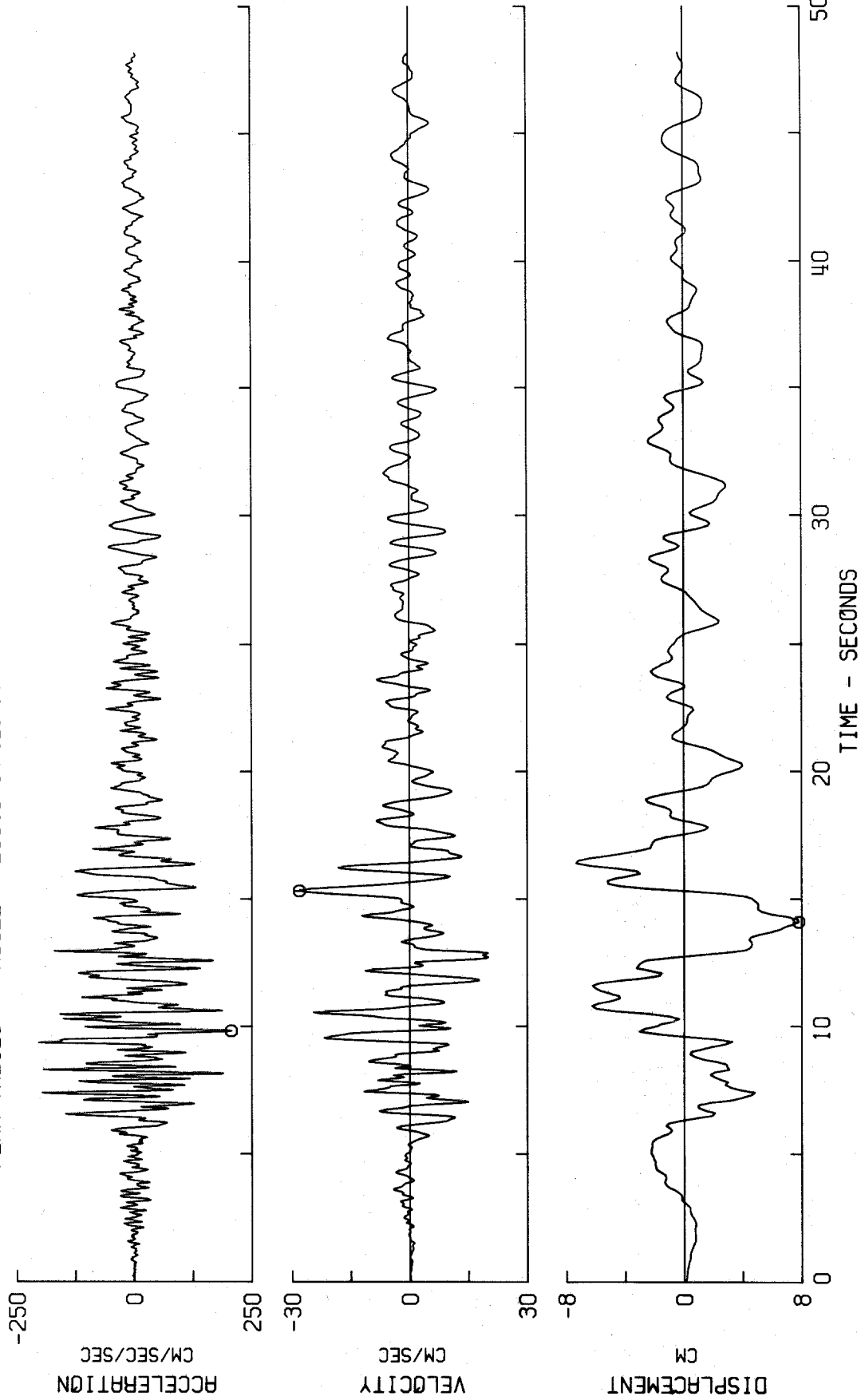
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1132 71.120.0 450 NORTH ROXBURY DRIVE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP DOWN
Ø PEAK VALUES : ACCEL = 90.2 CM/SEC/SEC VELOCITY = -5.2 CM/SEC DISPL = 2.3 CM



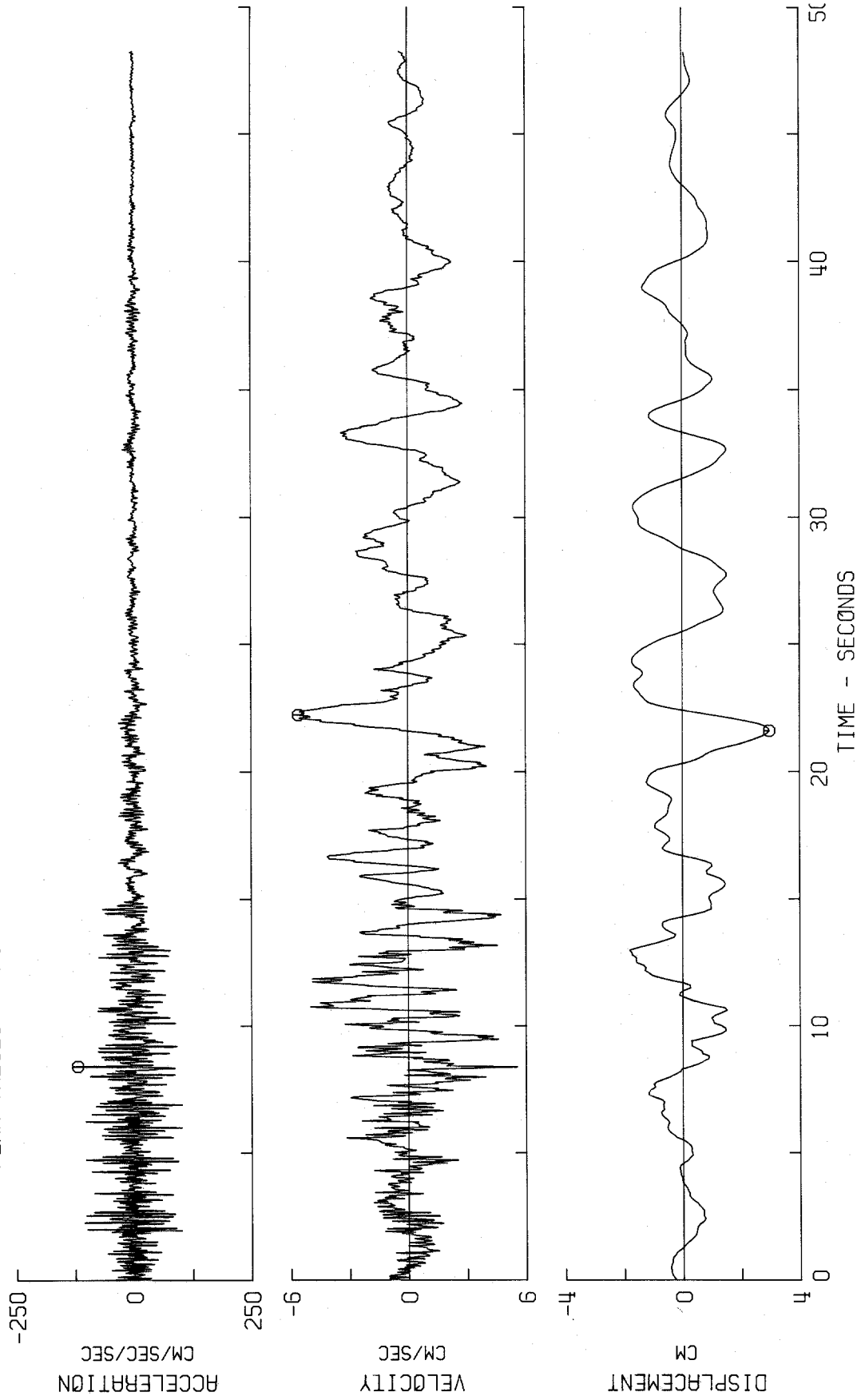
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 133 71.122.0 450 NORTH ROXBURY DRIVE, 10TH FLOOR, BEVERLY HILLS, CAL. COMP N50E
o PEAK VALUES : ACCEL = -290.1 CM/SEC/SEC VELOCITY = -26.4 CM/SEC DISPL = 12.7 CM



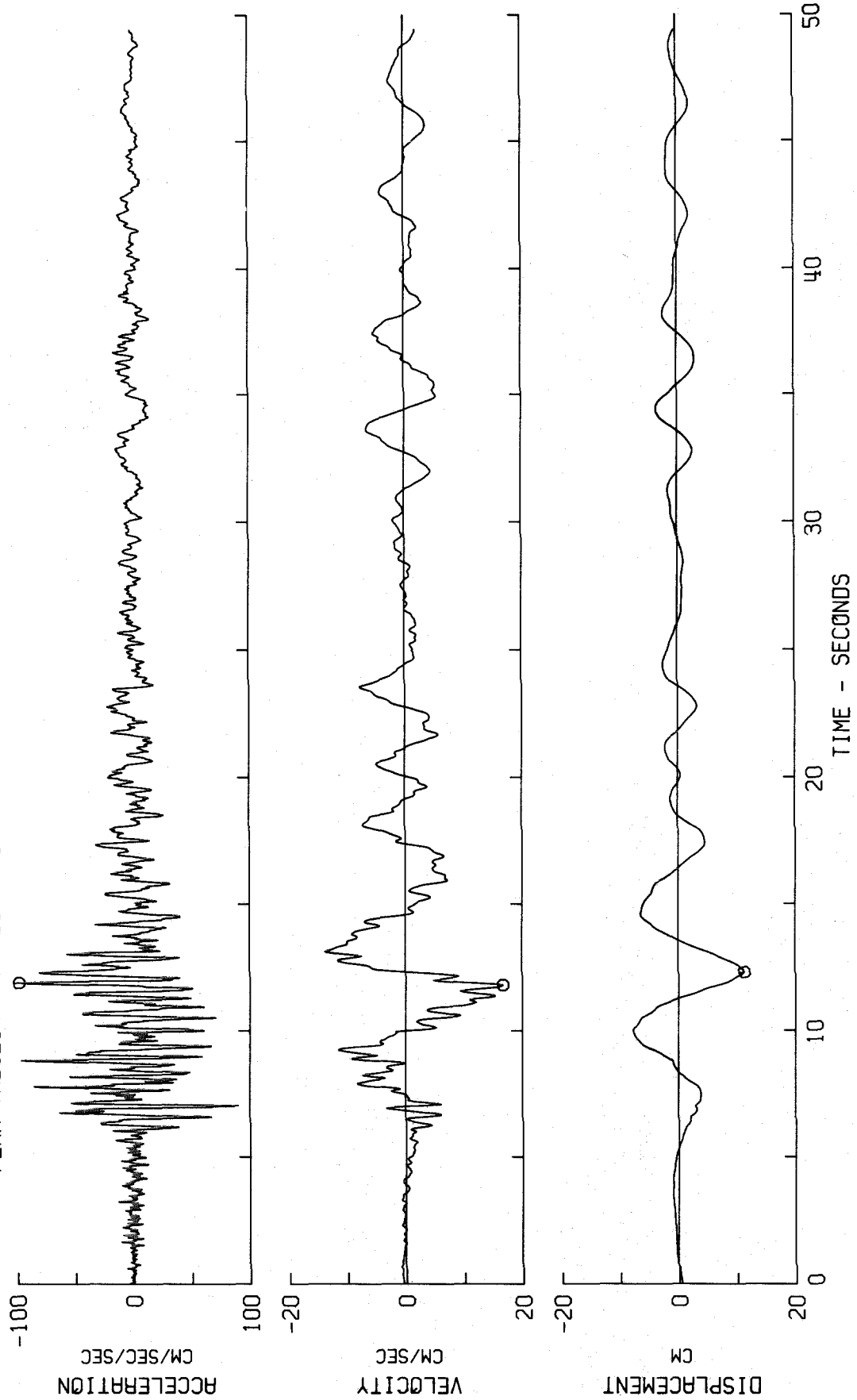
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1133 71.122.0 450 NORTH ROXBURY DRIVE, 10TH FLOOR, BEVERLY HILLS, CAL. COMP N40W
o PEAK VALUES : ACCEL = 206.9 CM/SEC/SEC VELOCITY = -28.1 CM/SEC DISPL = 7.8 CM



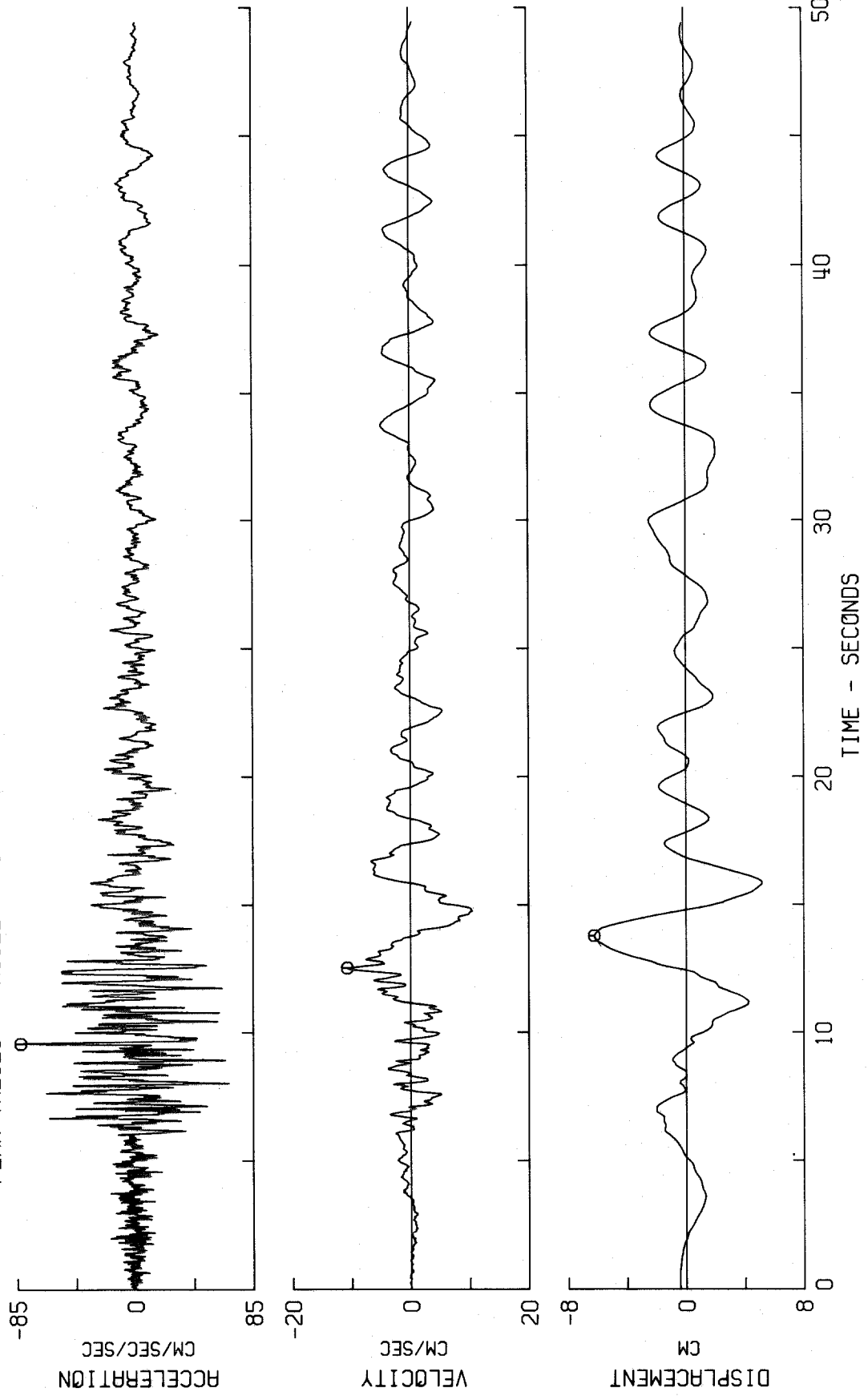
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 133 71.122.0 450 NORTH ROXBURY DRIVE, 10TH FLOOR, BEVERLY HILLS, CAL. COMP DOWN
Ø PEAK VALUES : ACCEL = -119.3 CM/SEC/SEC VELOCITY = -5.6 CM/SEC DISPL = 3.0 CM



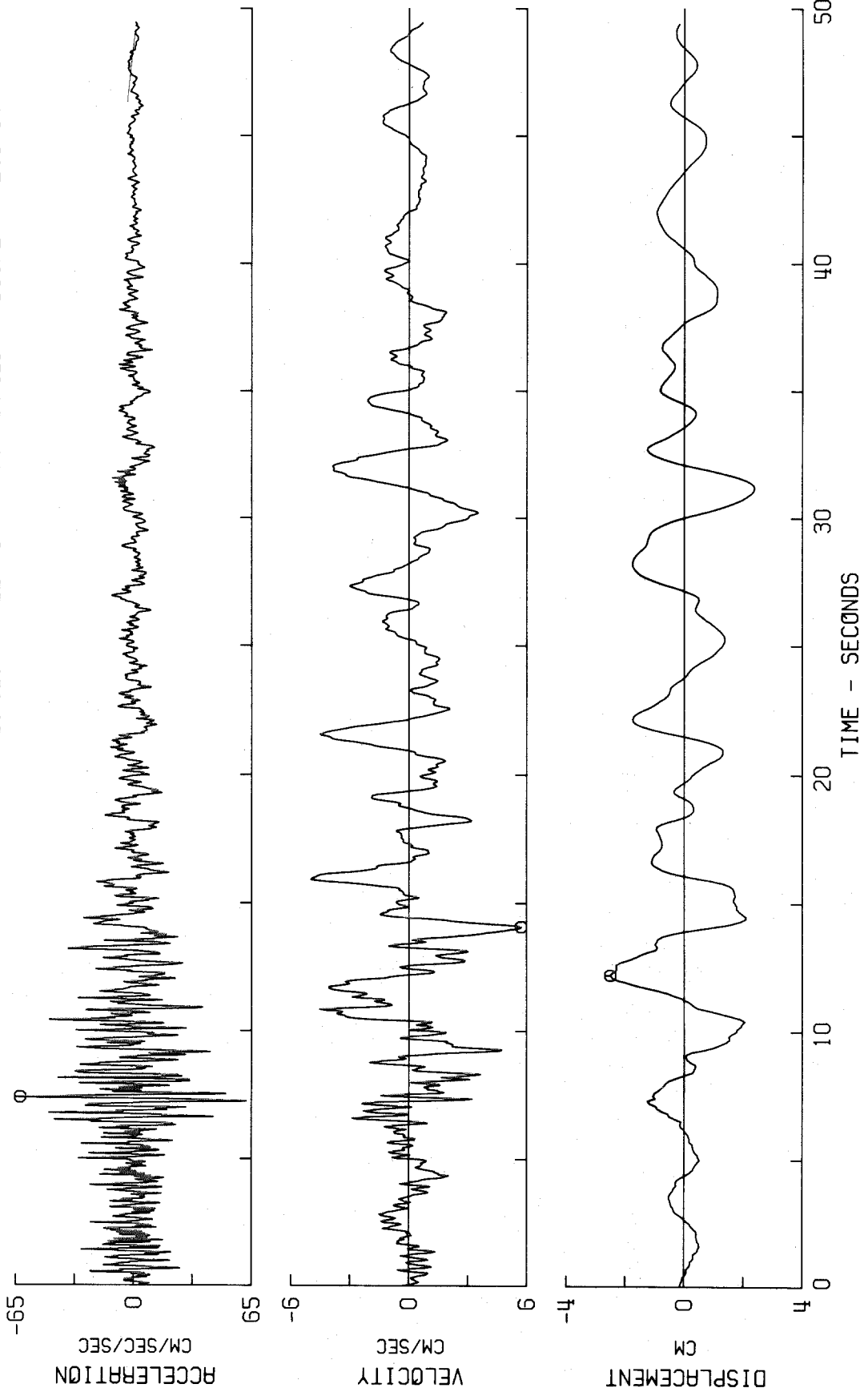
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I134 71.126.0 1800 CENTURY PARK EAST, BASEMENT (P-3), LOS ANGELES, CAL. COMP N54E
o PEAK VALUES : ACCEL = -97.9 CM/SEC/SEC VELOCITY = 16.7 CM/SEC DISPL = 11.3 CM



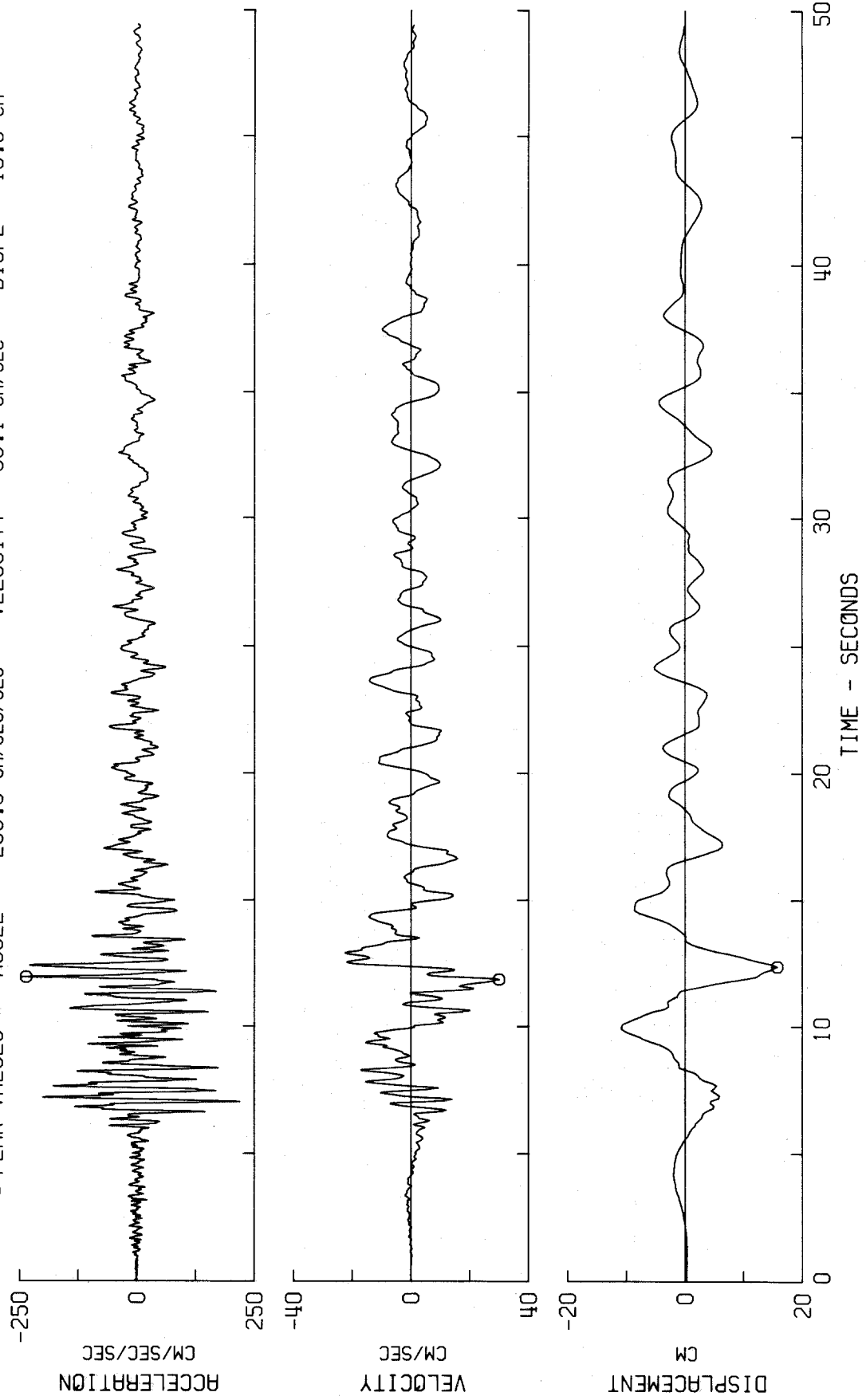
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1134 71.126.0 1800 CENTURY PARK EAST, BASEMENT (P-3), LOS ANGELES, CAL. COMP S36E
PEAK VALUES: ACCEL = -82.3 CM/SEC/SEC VELOCITY = -10.7 CM/SEC DISPL = -6.2 CM



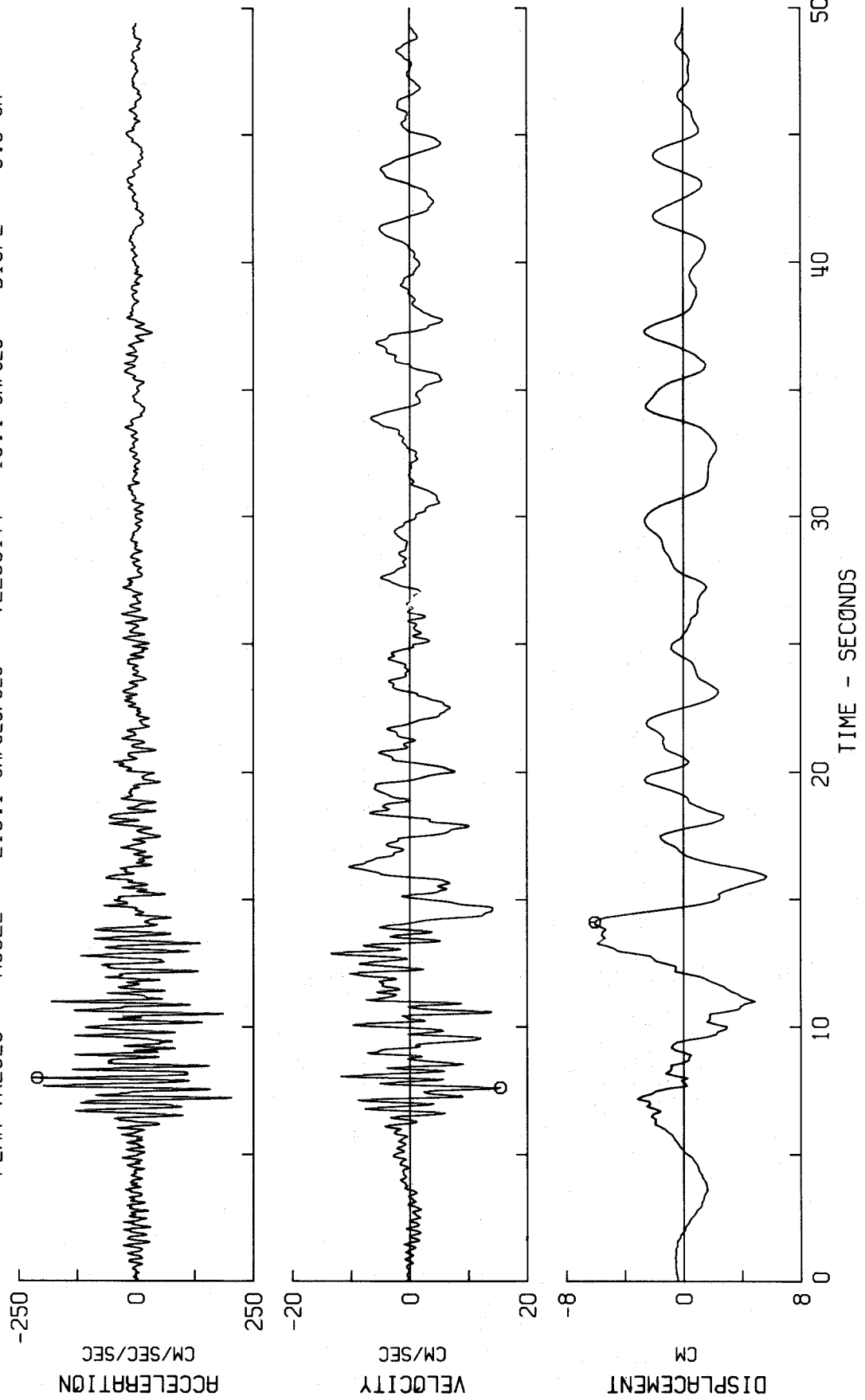
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1134 71.126.0 1800 CENTURY PARK EAST, BASEMENT (P-3), LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES : ACCEL = -62.5 CM/SEC/SEC VELOCITY = 5.7 CM/SEC DISPL = -2.5 CM



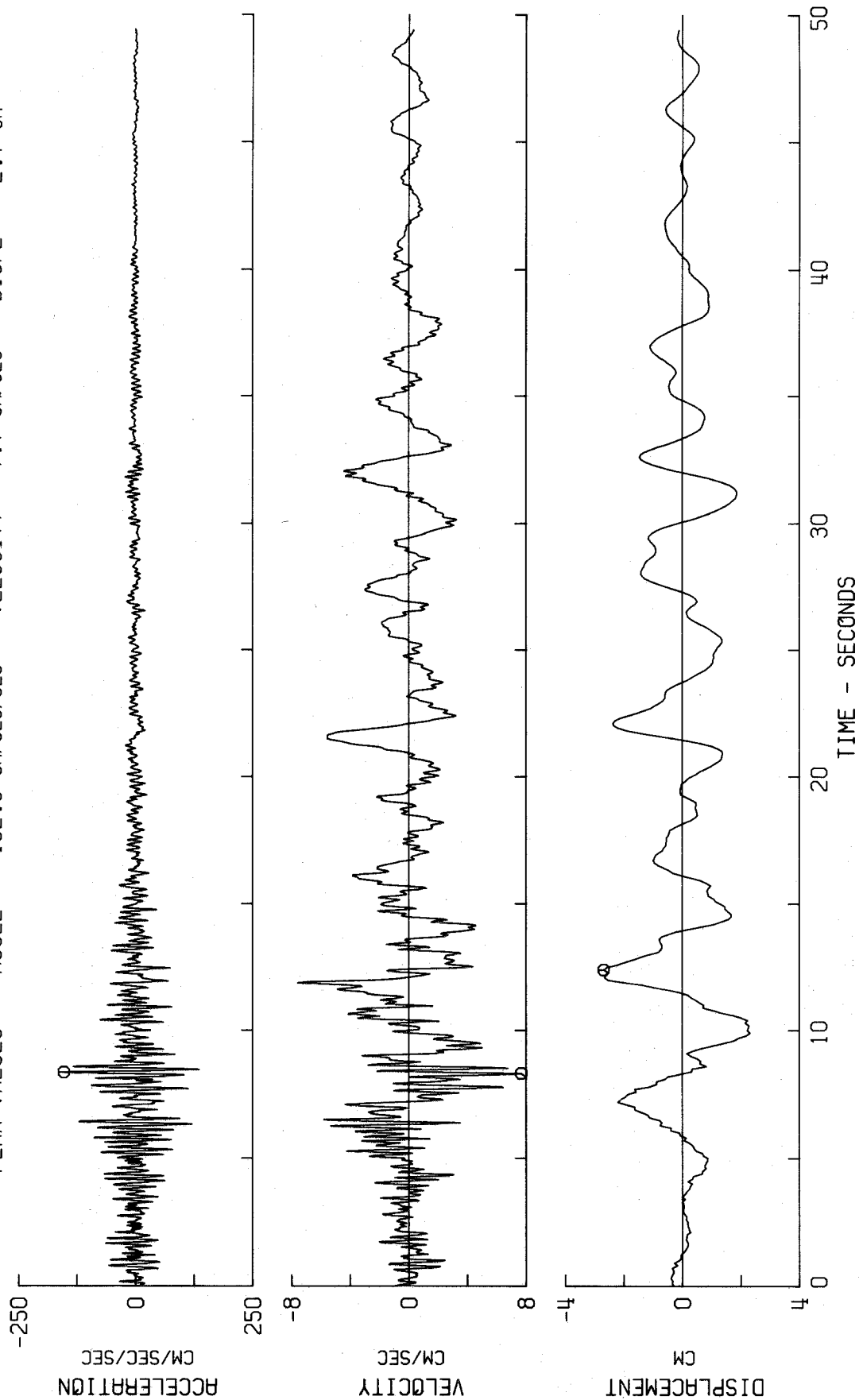
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-II135 71.127.0 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL. COMP N54E
Ø PEAK VALUES : ACCEL = -235.9 CM/SEC/SEC VELOCITY = 30.1 CM/SEC DISPL = 15.8 CM



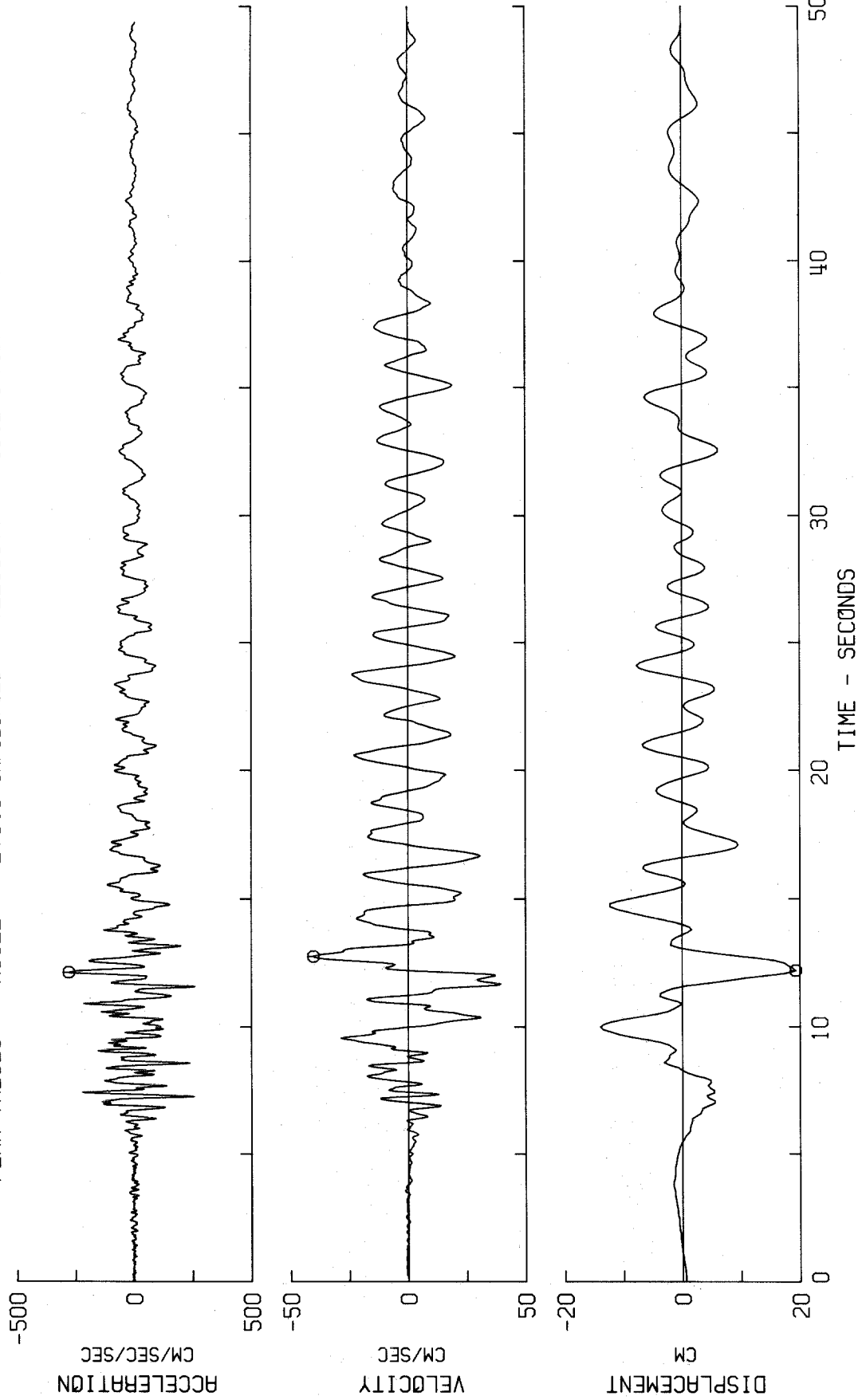
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I135 71.127.0 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL. COMP S36E
O PEAK VALUES : ACCEL = -210.1 CM/SEC/SEC VELOCITY = 15.4 CM/SEC DISPL = -6.0 CM



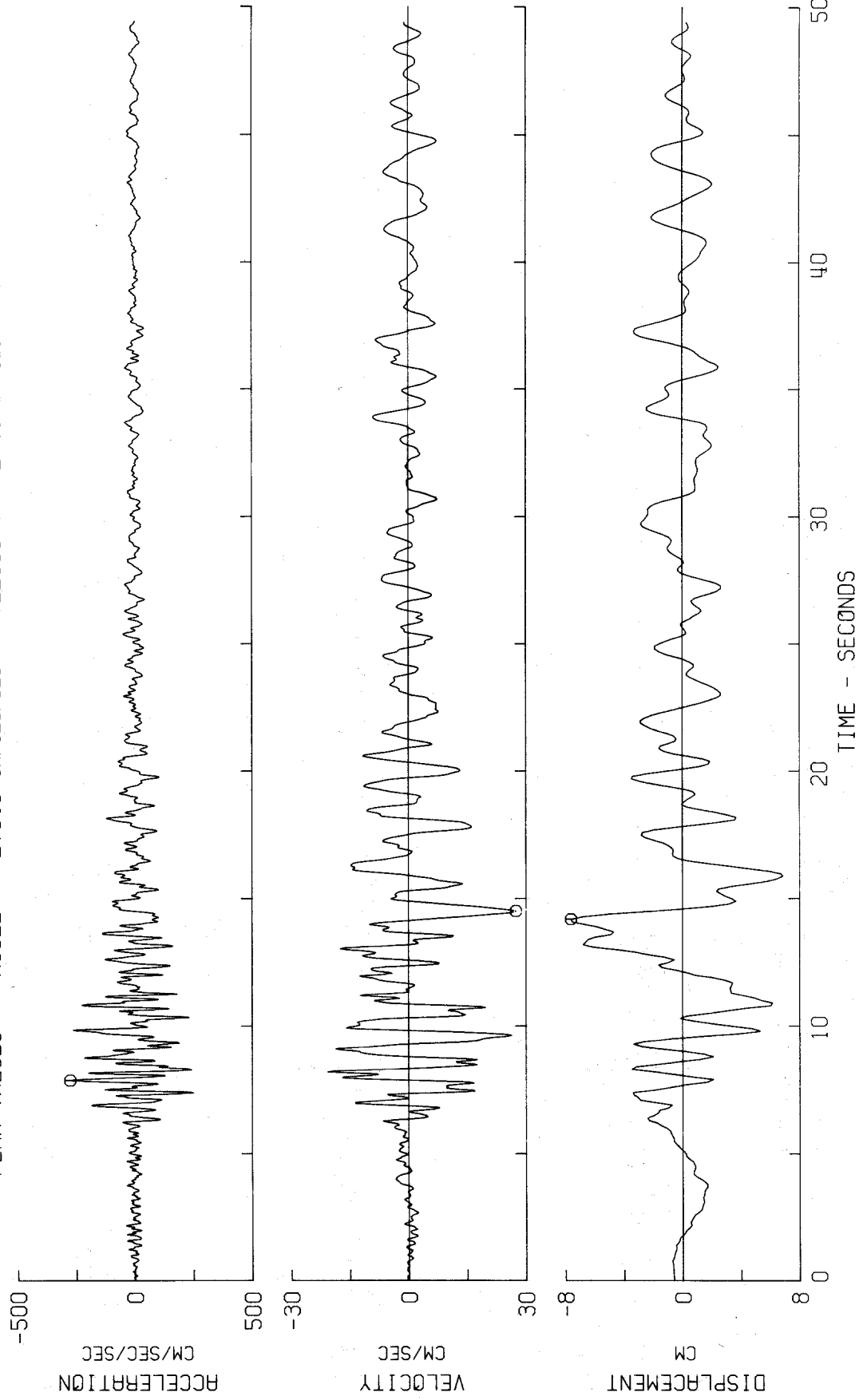
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1135 71.127.0 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES : ACCEL = -152.5 CM/SEC/SEC VELOCITY = 7.7 CM/SEC DISPL = -2.7 CM



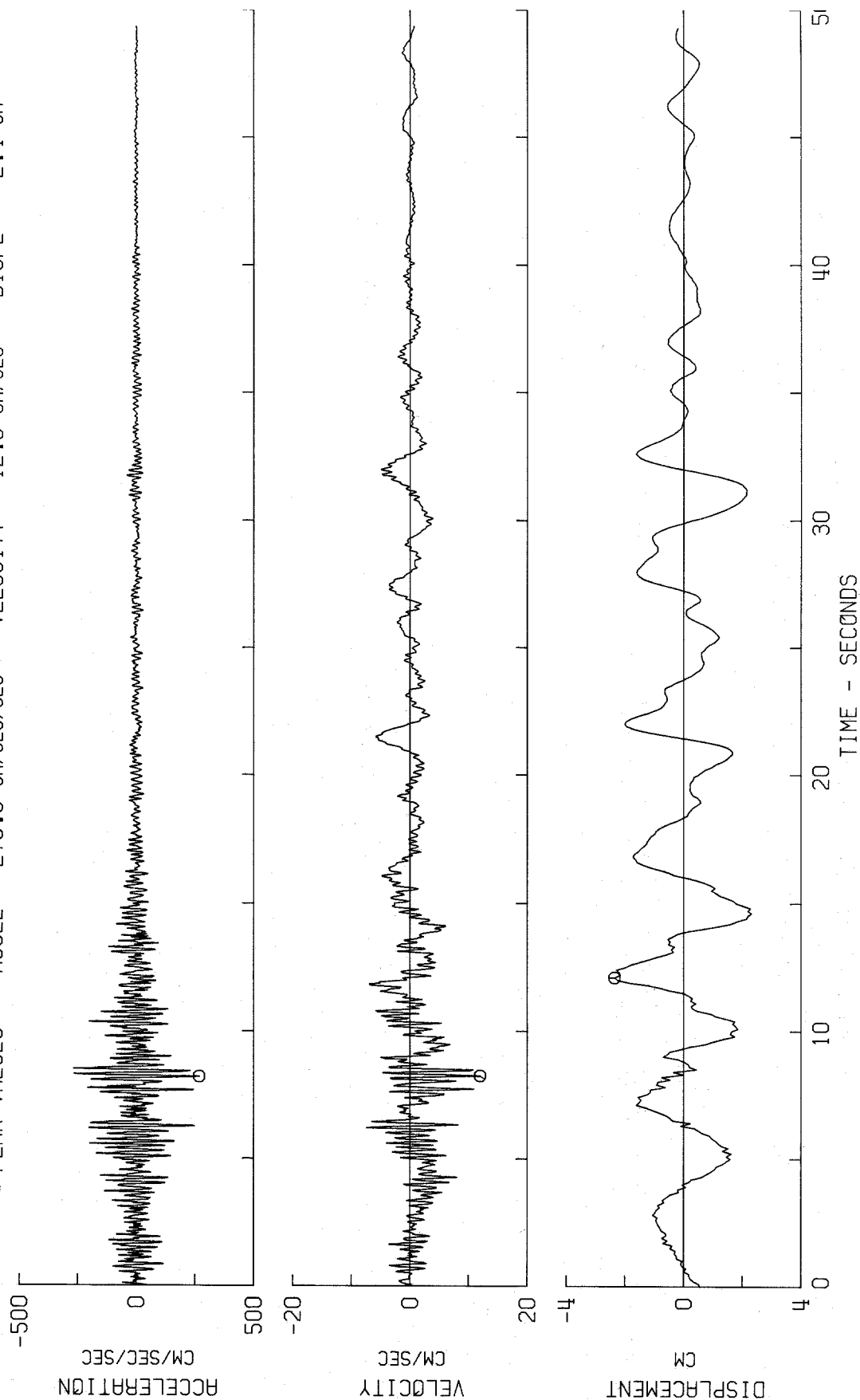
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I136 71.128.0 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP N54E
Ø PEAK VALUES : ACCEL = -278.8 CM/SEC/SEC VELOCITY = -40.2 CM/SEC DISPL = 19.3 CM



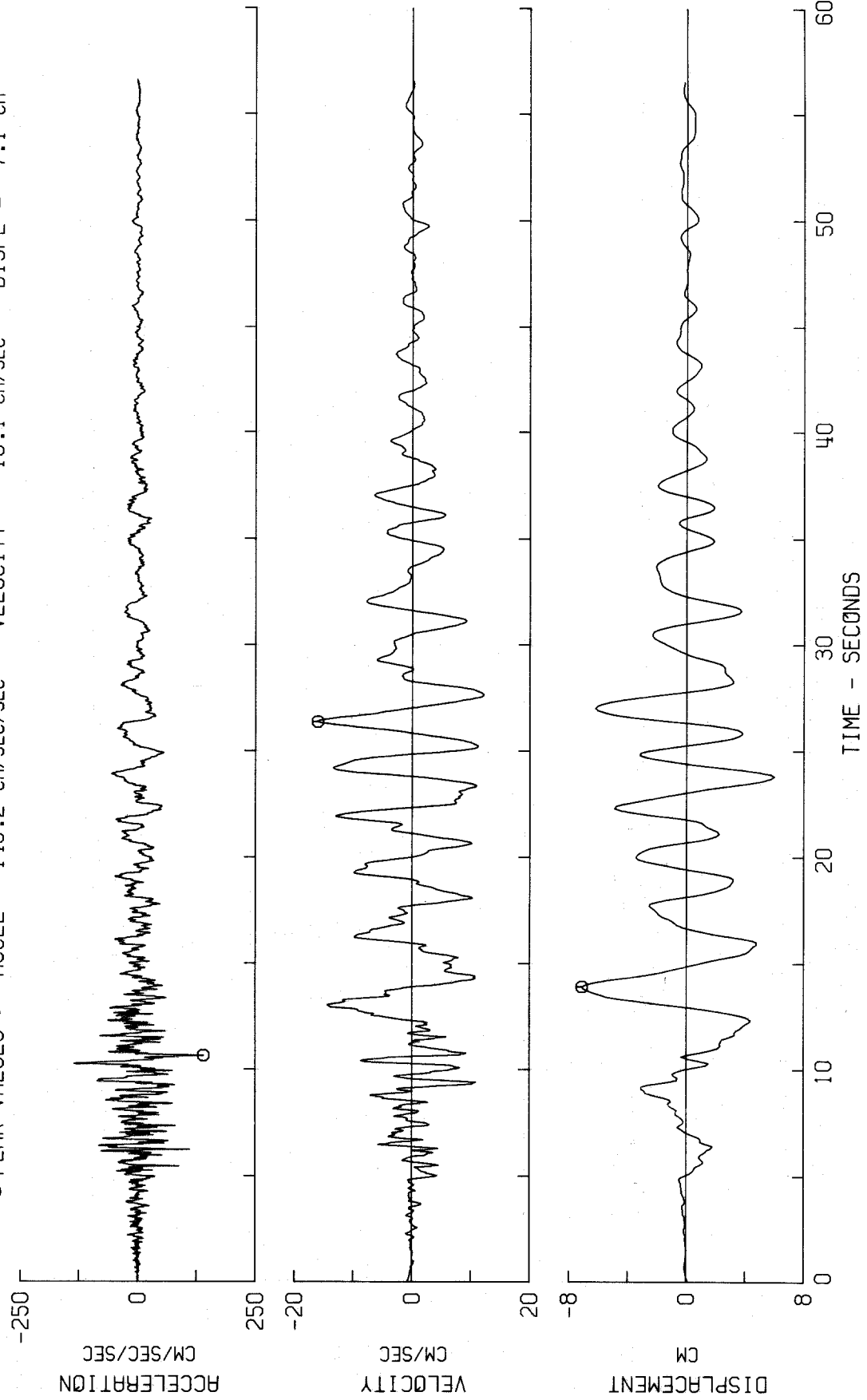
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 136 71.128.0 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP S36E
O PEAK VALUES : ACCEL = -275.8 CM/SEC/SEC VELOCITY = 27.5 CM/SEC DISPL = -7.6 CM



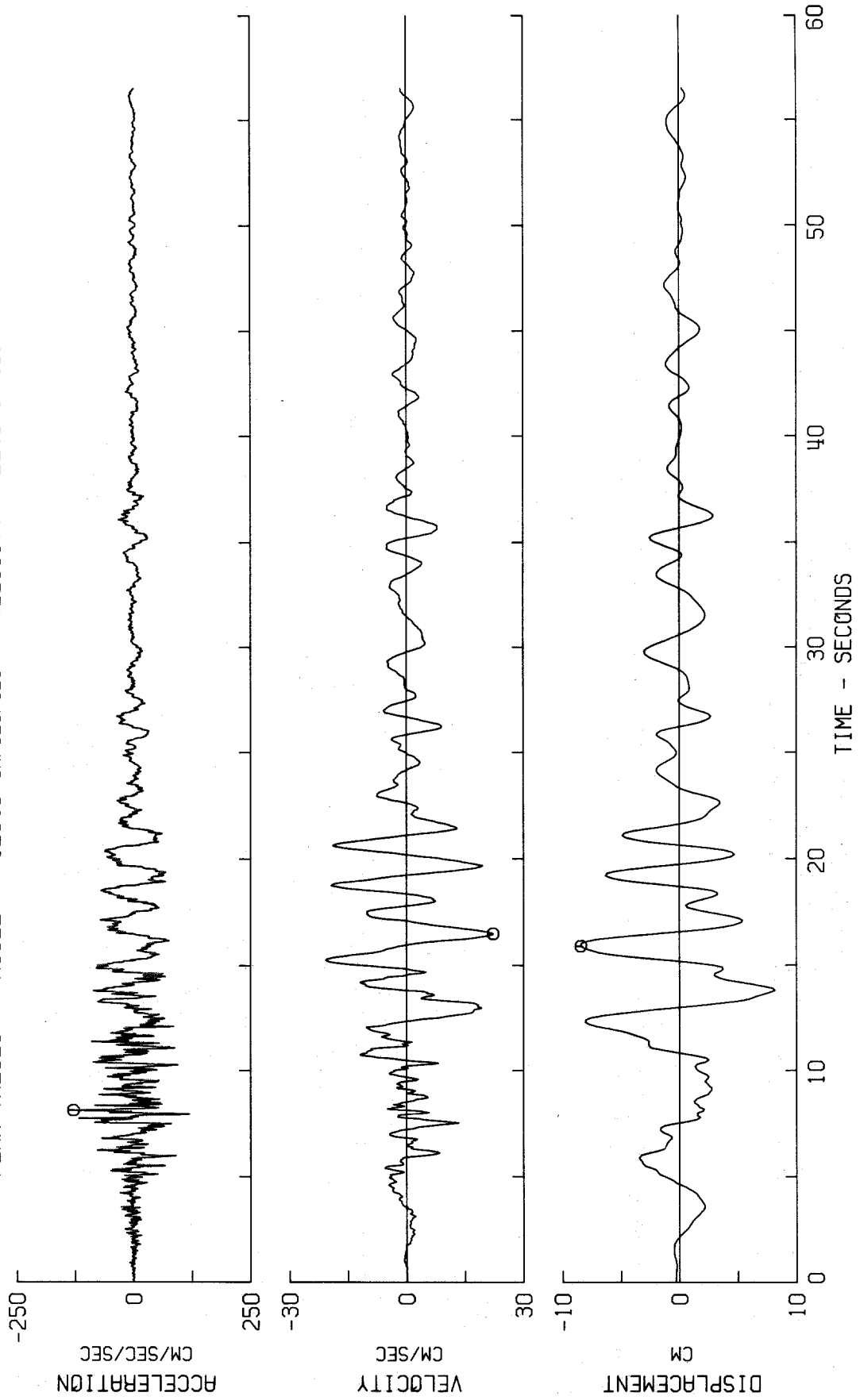
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 II-I136 71.128.0 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP DOWN
 PEAK VALUES: ACCEL = 270.0 CM/SEC/SEC VELOCITY = 12.0 CM/SEC DISPL = -2.4 CM



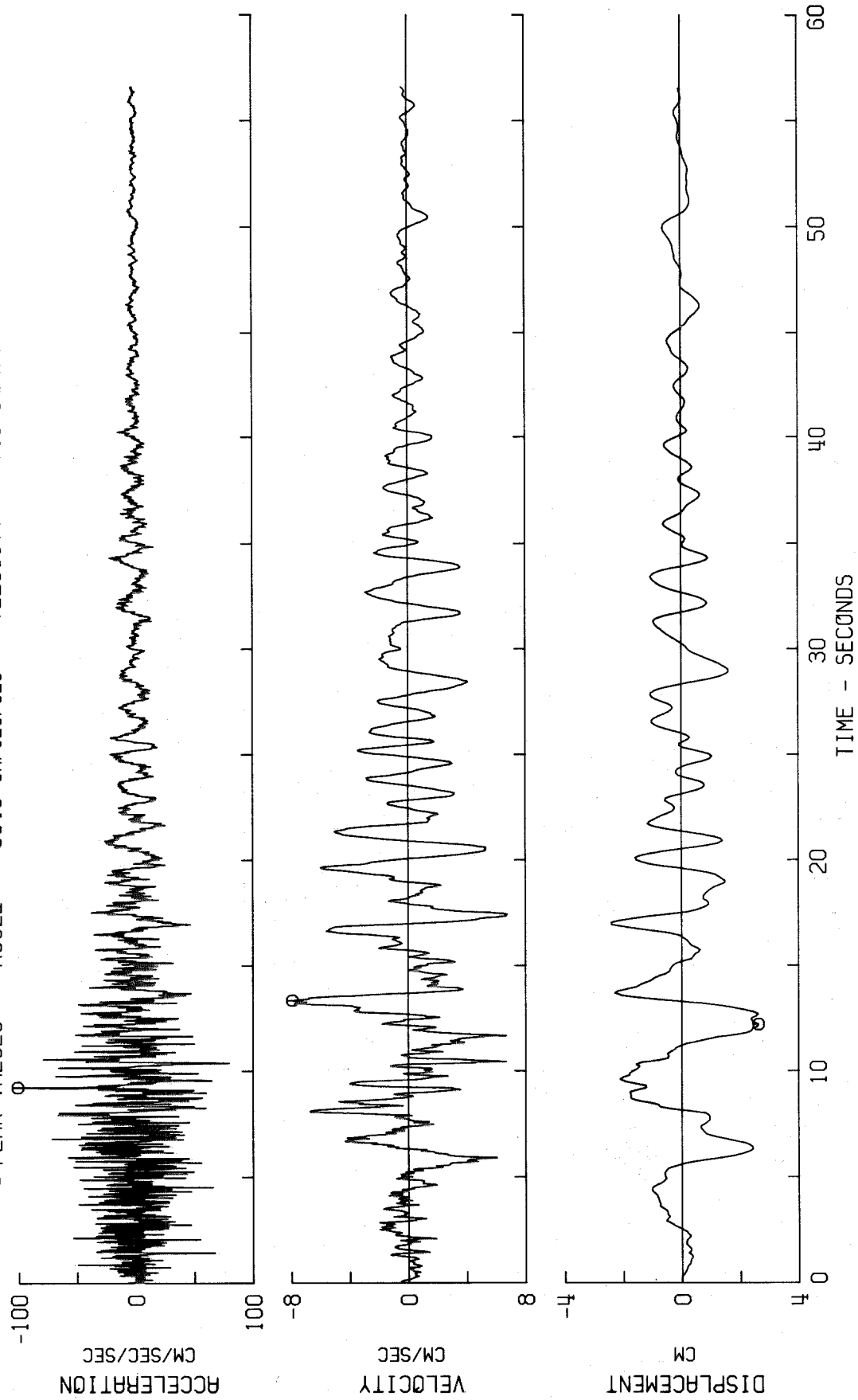
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1137 71.135.0 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP S81E
⊙ PEAK VALUES : ACCEL = 140.2 CM/SEC/SEC VELOCITY = -16.1 CM/SEC DISPL = -7.1 CM



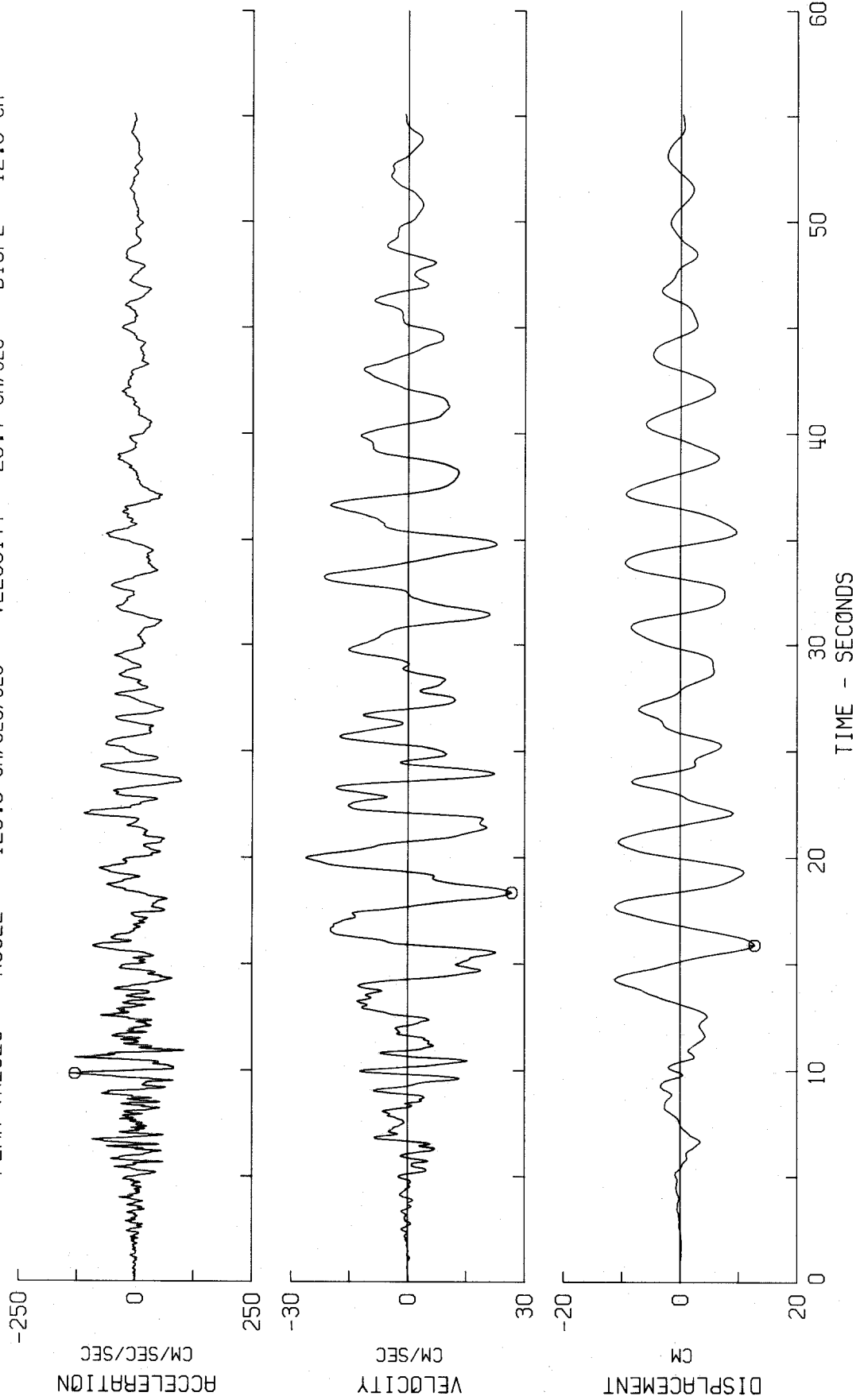
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I137 71.135.0 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP S09W
⊙ PEAK VALUES : ACCEL = -129.0 CM/SEC/SEC VELOCITY = 22.3 CM/SEC DISPL = -8.4 CM



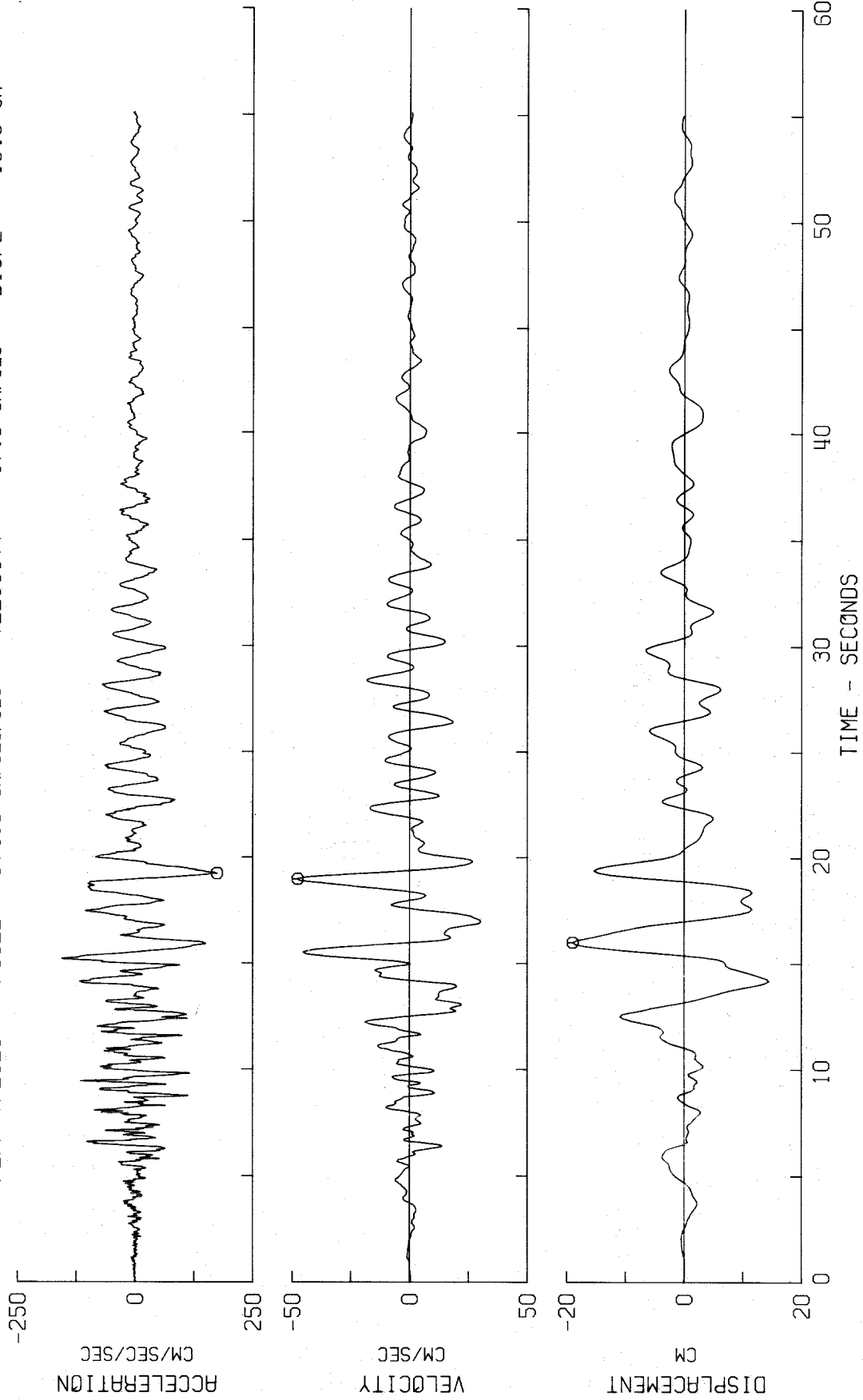
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I137 71.135.0 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES: ACCEL = -99.9 CM/SEC/SEC VELOCITY = -7.9 CM/SEC DISPL = 2.6 CM



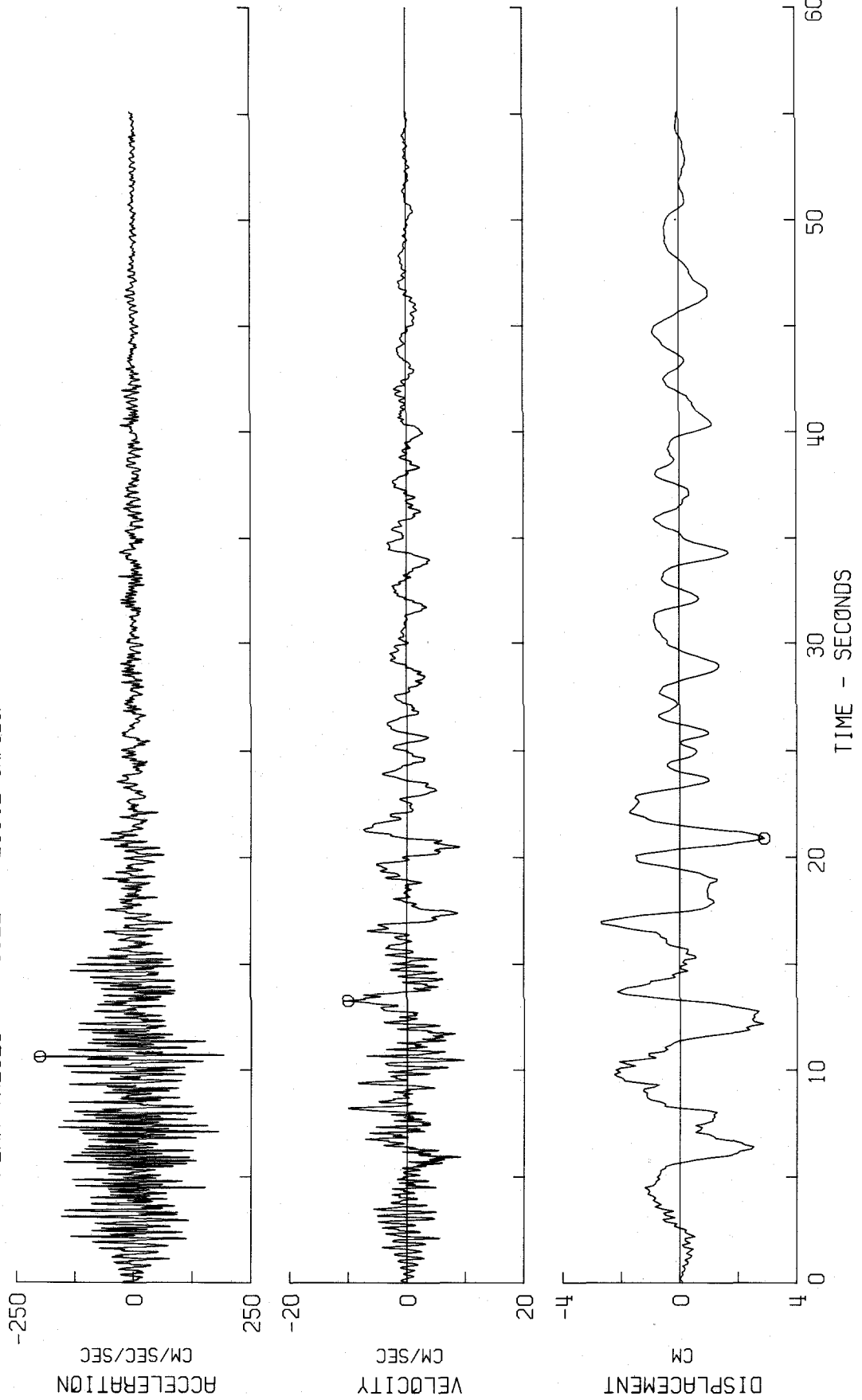
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-II138 71.136.0 15910 VENTURA BLVD., 9TH FLOOR, LOS ANGELES, CAL. COMP S81E
⊙ PEAK VALUES : ACCEL = -128.9 CM/SEC/SEC VELOCITY = 26.7 CM/SEC DISPL = 12.8 CM



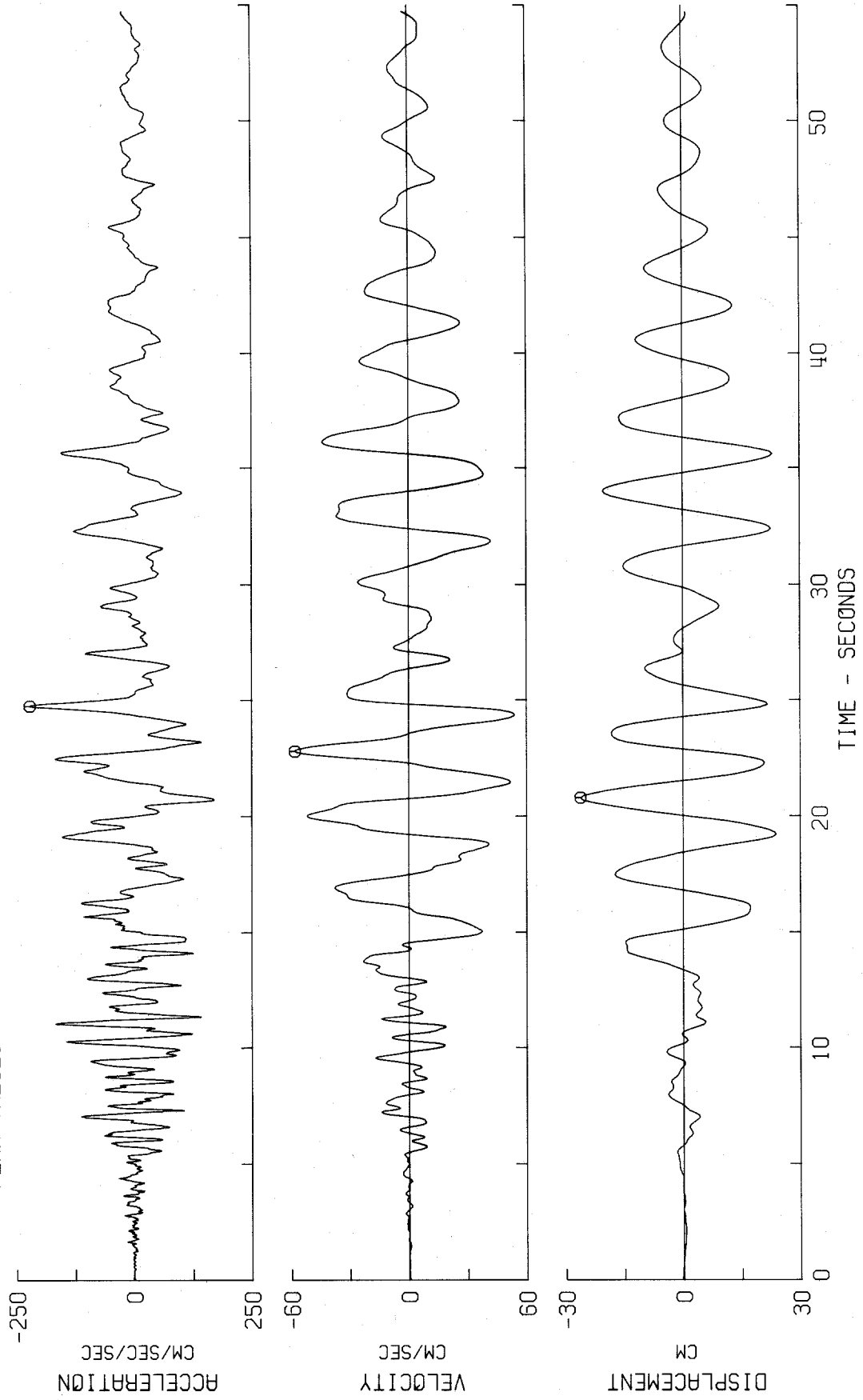
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I138 71.136.0 15910 VENTURA BLVD., 9TH FLOOR, LOS ANGELES, CAL. COMP S09W
PEAK VALUES: ACCEL = 174.3 CM/SEC/SEC VELOCITY = -47.6 CM/SEC DISPL = -19.0 CM



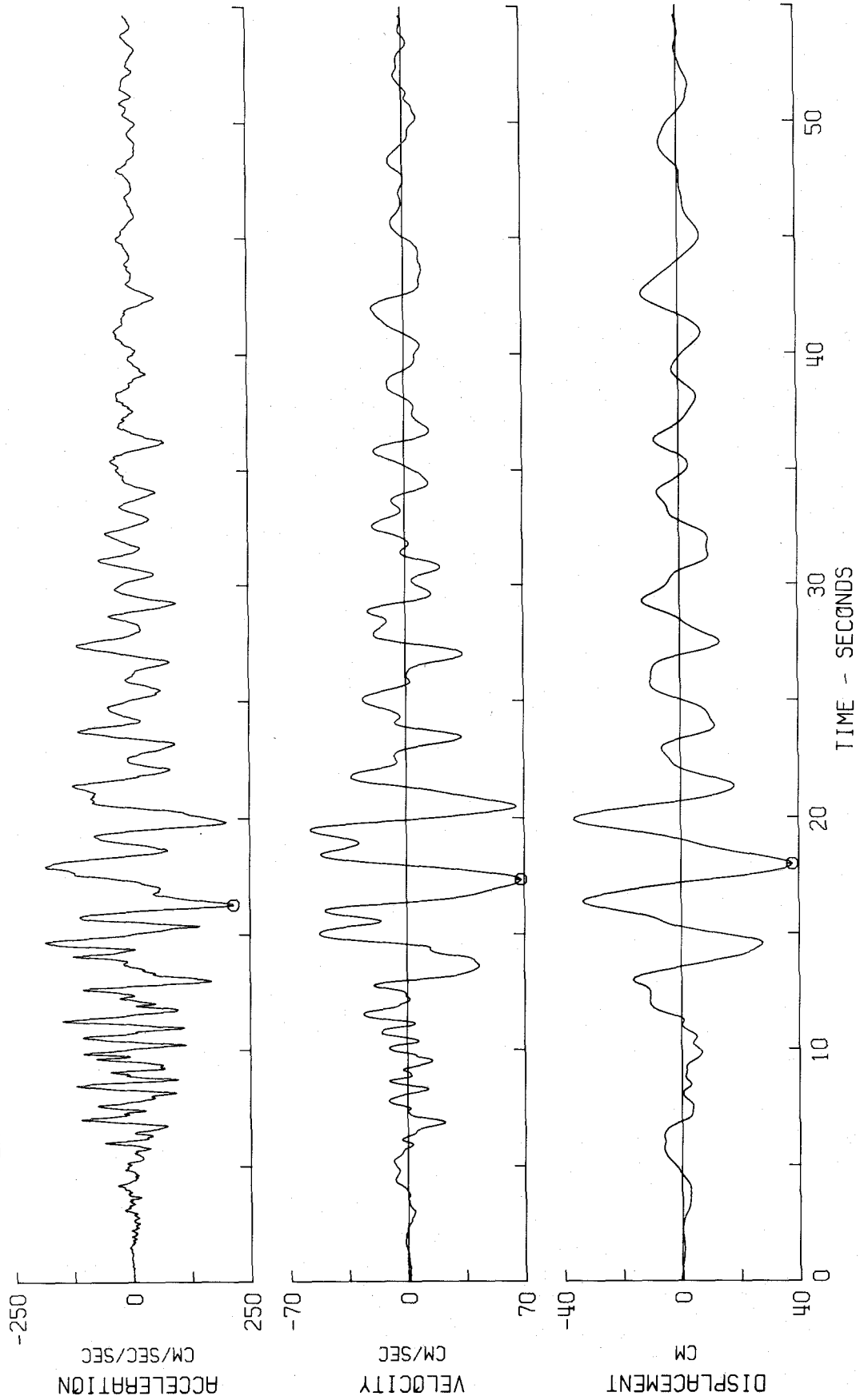
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1138 71.136.0 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES: ACCEL = -201.2 CM/SEC/SEC VELOCITY = -10.1 CM/SEC DISPL = 2.9 CM



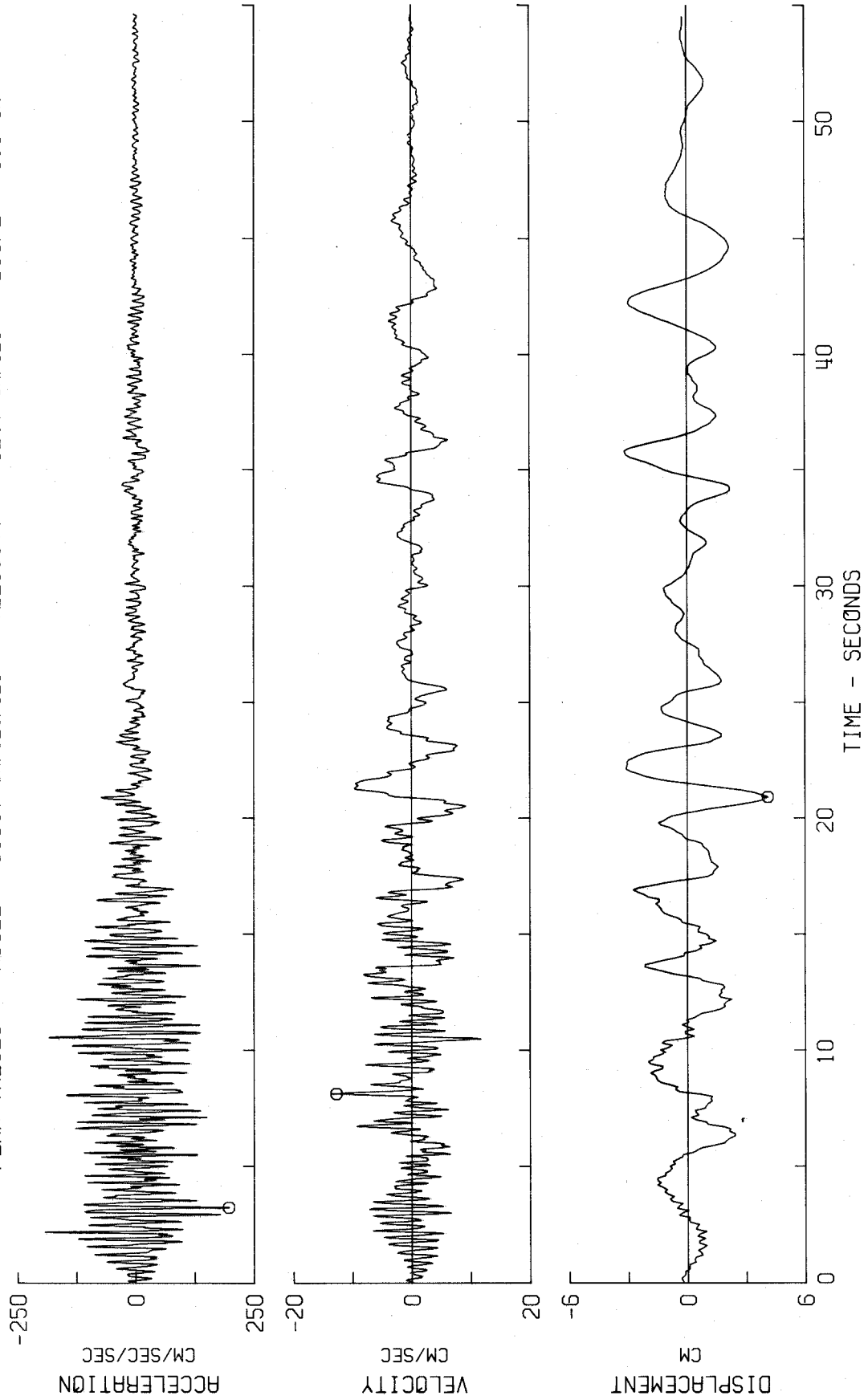
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I139 71.137.0 15910 VENTURA BLVD., 19TH FLOOR, LOS ANGELES, CAL. COMP S81E
O PEAK VALUES : ACCEL = -220.6 CM/SEC/SEC VELOCITY = -58.0 CM/SEC DISPL = -26.2 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-1139 71.137.0 15910 VENTURA BLVD., 19TH FLOOR, LOS ANGELES, CAL. COMP S09W
PEAK VALUES : ACCEL = 215.4 CM/SEC/SEC VELOCITY = 68.2 CM/SEC DISPL = 37.8 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II-I 139 71.137.0 15910 VENTURA BLVD., 19TH FLOOR, LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES: ACCEL = 196.7 CM/SEC/SEC VELOCITY = -12.7 CM/SEC DISPL = 4.1 CM



111128 71.087.0

STATION NO. 452

INSTN PERIOD = 0.0350 SEC DAMPING = 0.483

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP NOOE 34 04 40N, 118 23 42W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -60.9 CM/SEC/SEC AT 10.44 SEC VELO = 13.2 CM/SEC AT 10.32 SEC DISP = -7.3 CM AT 9.54 SEC

INITIAL VELO = -0.32374 CM/SEC INITIAL DISP = 0.42926 CM

1371 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

16	25	16	3	-10	-4	7	17	17	5	-11	-11	-25	0	22	14	22	16	6	-11
-17	-1	6	12	17	8	-14	-47	-59	-62	-6	-9	-26	-11	12	16	-18	-10	13	1
14	7	-7	-22	-33	-35	-23	5	-7	4	34	24	55	62	12	-42	-19	0	-16	23
3	-5	-19	-64	-35	-24	-3	11	57	106	105	46	-7	-10	-18	-50	-113	-90	-15	22
27	85	94	45	31	39	19	-12	-42	-69	-89	-8	-3	-19	-7	-6	-15	12	47	57
63	41	-14	-43	-3	-14	-65	-32	-51	-40	22	49	55	45	30	25	-3	-67	-70	-66
-98	-91	-19	5	-50	-63	-25	30	37	29	68	58	0	-62	-36	54	76	30	27	101
110	67	3	-61	-57	-24	-9	12	55	55	18	12	-8	-60	-73	-35	12	77	83	83
91	51	-51	-65	4	24	16	29	-5	-43	-8	30	-44	-62	2	11	24	-18	-7	50
22	-11	27	10	-10	18	31	14	-53	-77	-31	42	120	135	144	138	31	-125	-132	-92
-73	-45	-7	-1	-58	-76	-68	33	67	52	56	55	39	36	116	137	102	91	74	5
-34	-9	-34	-59	39	120	117	121	123	71	-39	-116	-122	-114	-105	-51	7	66	28	-90
-75	-26	-55	-18	131	210	235	244	173	28	-101	-116	-79	-27	25	10	21	104	114	25
-42	-54	-102	-144	-14	146	155	86	87	166	209	187	113	-92	-405	-503	-271	-61	-33	56
290	374	174	131	254	165	38	12	-124	-379	-459	-306	-189	-197	-205	-116	-9	-114	-280	-393
-266	-84	54	293	377	164	-90	29	273	357	253	97	59	166	235	143	-50	-299	-446	-428
-394	-438	-440	-435	-346	-94	117	254	346	333	195	-131	-365	-422	-433	-282	-70	-27	84	185
224	291	246	87	-65	-167	-175	3	98	38	-54	-102	-92	-111	-112	30	89	70	50	-27
-67	34	238	319	360	327	137	-55	-111	-69	44	108	56	55	69	12	-17	-102	-232	-357
-454	-492	-387	-229	-104	-1	-20	-140	-255	-287	-282	-284	-273	-192	-150	-89	66	181	107	-20
-132	-169	-96	-15	34	62	159	234	283	349	392	384	318	248	278	270	147	135	174	143
149	202	134	24	-24	-153	-276	-170	201	431	260	-110	-271	-243	-276	-322	-253	-130	-226	-425
-496	-383	-311	-329	-317	-194	3	170	182	16	-57	54	208	289	332	331	374	433	309	-50
-270	-331	-339	-201	103	375	370	215	159	163	155	133	85	128	274	355	331	316	373	432
376	346	397	404	337	346	385	304	95	-85	-160	-226	-229	-89	106	78	-1	-42	14	76
26	-50	-45	24	113	152	135	177	256	330	350	342	346	356	342	244	47	-204	-414	-513
-547	-577	-609	-539	-237	48	65	-38	-125	-110	-146	-213	-166	-8	82	188	368	455	431	370
378	283	19	-180	-230	-175	-190	-321	-432	-443	-334	-184	-93	-11	89	139	89	8	-62	-43
-1	-20	-42	-28	-132	-287	-301	-205	-62	55	104	163	253	353	326	129	-101	-251	-337	-349
-316	-205	-22	-23	-209	-366	-404	-399	-387	-338	-245	-118	24	170	229	142	85	81	25	-62
-125	-168	-223	-294	-362	-402	-395	-392	-401	-403	-346	-163	37	119	181	241	340	429	396	285
211	205	229	196	153	127	101	63	32	-28	-120	-200	-233	-241	-162	-6	27	-24	-72	-102
-115	-92	-42	-2	12	22	34	27	-43	-163	-210	-153	-32	67	142	183	181	179	207	229
170	81	84	95	25	-13	-24	-61	-92	-49	-27	-66	-104	-99	-51	183	-20	30	35	-21
-71	-111	-146	-132	-123	-170	-217	-206	-171	-160	-179	-141	-55	46	113	116	102	120	127	107
76	72	83	89	47	29	80	156	141	86	35	22	34	11	-20	-21	-7	3	43	112
151	195	237	230	212	177	134	126	143	134	97	88	114	121	103	85	16	-66	-71	-4
47	38	44	50	46	18	-1	14	85	153	187	268	358	364	314	272	237	179	128	95
54	-6	-36	21	111	164	181	137	81	25	-10	-28	-22	-10	4	-14	-59	-69	-78	-89
-61	-19	7	-15	-115	-210	-254	-249	-287	-321	-271	-204	-184	-192	-203	-219	-228	-189	-144	-105

-73	-42	-12	-9	-20	-43	-83	-102	-107	-123	-153	-161	-160	-161	-171	-187	-163	-94	-37	-34
-71	-90	-77	-55	-57	-41	-21	-27	-15	29	68	91	115	137	154	149	131	121	110	55
1	-14	19	69	90	94	103	91	44	24	51	55	37	50	77	125	205	268	284	276
276	242	181	151	157	160	153	113	69	36	27	29	25	20	22	21	-9	-24	-31	-52
-73	-35	21	49	41	44	39	10	-29	-58	-85	-68	-28	-7	7	3	-5	-12	-13	-30
-49	-59	-81	-111	-94	-57	-54	-92	-126	-168	-216	-230	-202	-187	-171	-142	-95	-63	-70	-117
-162	-147	-116	-92	-113	-161	-170	-118	-44	1	-1	-13	-13	-21	-74	-114	-106	-98	-79	-79
-23	16	16	-4	-12	7	40	51	39	6	-40	-30	8	31	35	18	-43	-81	-38	32
68	77	82	71	31	22	2	-33	-62	-81	-95	-96	-81	-19	46	91	98	92	89	67
51	71	103	125	128	150	179	169	120	80	48	46	43	22	1	-1	16	39	70	101
122	91	44	-5	-20	-14	-16	-26	-31	-8	30	86	127	132	99	67	46	42	27	4
-41	-98	-144	-168	-185	-188	-178	-162	-149	-138	-111	-78	-41	-13	11	31	27	-6	-9	25
57	83	92	98	109	106	82	43	8	2	18	37	34	-9	-54	-89	-89	-79	-76	-80
-57	-15	22	63	77	70	75	78	63	37	35	40	27	18	53	120	146	147	137	98
45	25	28	44	56	58	76	67	20	-8	1	32	54	54	25	2	-2	-3	-19	-34
-46	-60	-86	-113	-112	-87	-67	-77	-93	-74	-22	17	21	9	12	12	-12	-33	-82	-160
-207	-201	-167	-116	-72	-44	-24	-27	-61	-66	-46	-37	-17	10	40	64	82	80	39	-7
-6	43	76	48	7	-15	-20	-11	18	48	60	62	47	37	55	82	95	81	64	67
53	14	-24	-61	-89	-79	-30	17	38	15	-4	-2	7	14	14	-3	-33	-59	-80	-100
-108	-106	-90	-42	2	16	14	15	15	13	9	3	-3	-19	-40	-21	30	62	63	38
2	-20	-3	36	68	82	94	116	124	107	91	88	83	59	39	43	51	54	40	35
35	26	18	28	42	52	28	-12	-43	-52	-56	-72	-76	-76	-72	-59	-34	-29	-40	-57
-71	-72	-74	-79	-87	-92	-93	-66	-43	-30	1	22	12	-15	-18	0	5	0	-12	-34
-64	-76	-62	-62	-83	-89	-69	-57	-48	-18	-9	-14	-12	-25	-36	-19	11	26	36	37
33	35	41	34	39	74	55	105	124	139	151	152	138	120	104	88	56	30	28	11
-2	5	4	-8	-21	-34	-56	-81	-82	-75	-64	-67	-83	-104	-94	-73	-54	-42	-35	-31
-30	-12	4	16	34	53	69	68	52	41	29	-6	-45	-73	-80	-67	-52	-49	-46	-25
1	12	21	23	24	35	45	38	41	40	33	21	14	11	3	3	16	17	12	9
21	20	3	-9	-8	-1	7	-3	-22	-22	-6									

111128 71.087.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 452 435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL.
INSTP PERIOD = 0.0410 SEC DAMPING = 0.602 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S90W 34 04 40N, 118 23 26W

PEAK VALS ACCLN = -91.6 CM/SEC/SEC AT 8.72 SEC VELO = 15.0 CM/SEC AT 12.32 SEC DISP = 8.1 CM AT 12.78 SEC

1371 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																				
INITIAL VELO = -0.15415 CM/SEC										INITIAL DISP = 0.03120 CM										
8	12	14	17	17	17	11	3	-10	-7	5	18	12	8	0	-20	-11	4	15	12	-16
-27	-30	-21	-9	12	12	37	38	28	19	13	-17	-51	-76	-73	-29	7	19	46	41	14
2	-14	-14	3	26	26	50	24	-2	9	12	1	6	13	-3	-37	-51	-25	26	39	34
67	58	9	-29	-49	-49	-84	-78	-36	24	131	169	126	90	29	-62	-135	-115	-27	19	53
62	33	36	37	2	2	-26	-20	-28	2	34	-20	-42	-19	-13	13	48	43	-14	-65	-38
6	-14	-13	38	94	94	77	10	-36	-54	-99	-76	-12	54	78	43	-17	-78	-124	-161	-186
-133	24	136	117	37	37	-27	-7	-22	-73	-30	56	42	32	45	-6	-38	0	44	44	51
38	-34	-72	-51	-13	-13	24	9	3	27	43	19	-15	-66	-84	-24	28	30	58	58	18
2	13	18	2	-41	-41	-30	34	85	10	-86	-99	-107	-92	-29	7	-31	-64	-51	-64	-27
10	12	6	-2	32	32	34	-24	-61	-29	18	79	83	50	-10	-76	-103	-70	-20	-23	-20
14	50	106	106	4	4	-55	-81	-69	-54	5	59	16	17	57	55	78	60	75	127	101
34	-26	-26	-3	-16	-16	-25	-15	-11	14	13	-45	-92	-68	-30	-17	-40	-24	84	144	152
140	119	62	8	-11	-11	16	55	74	65	43	2	-23	-28	25	80	91	68	-5	-138	-240
-232	-193	-252	-369	-393	-393	-335	-258	-201	-208	-204	-160	-44	81	70	34	177	454	592	568	563
528	321	29	-79	41	41	-4	-140	-187	-191	-286	-362	-323	-178	-99	-25	28	83	197	277	332
361	332	216	41	-154	-154	-349	-495	-561	-555	-537	-545	-442	-196	26	278	447	421	258	105	53
112	195	219	251	278	285	285	319	245	88	-39	-101	20	236	292	234	144	88	167	260	275
405	572	509	65	-341	-341	-297	-43	-18	-61	-102	-265	-370	-308	-239	-241	-66	170	164	-20	-229
-243	20	197	64	-91	-91	-91	-20	-45	-84	-89	-102	-96	-69	-54	-45	20	40	25	100	219
247	191	201	233	139	139	8	-131	-258	-365	-377	-156	119	85	-64	-129	-41	-82	-301	-434	-408
-265	-139	-90	48	247	247	306	250	267	288	155	-135	-351	-307	-112	-23	-65	-53	-67	-166	-164
66	330	457	543	578	578	534	450	296	98	-12	-38	36	52	-127	-450	-813	-916	-632	-258	-92
-122	-179	-233	-340	-306	-306	-68	179	292	249	89	-7	-130	-312	-448	-452	-373	-269	-253	-333	-414
-368	-166	97	210	169	169	118	77	73	225	423	470	414	279	25	-82	33	118	2	-179	-209
-171	-145	-38	30	-2	-2	-81	-104	-16	57	22	-63	-122	-150	-113	-91	-163	-254	-323	-276	-211
-287	-363	-309	-141	50	50	164	271	403	420	284	154	141	185	252	339	351	242	99	-12	-127
-236	-216	-75	65	138	138	188	230	181	50	8	159	332	378	233	-8	-232	-378	-442	-407	-362
-290	-119	20	148	331	331	472	461	422	393	334	333	458	617	696	685	617	522	461	454	374
136	-105	-172	-131	-77	-77	-83	-108	-52	13	31	66	155	198	124	29	11	11	-8	-26	-80
-166	-203	-190	-209	-183	-183	-18	137	124	62	58	114	152	154	187	231	234	228	190	152	152
228	324	331	250	170	170	83	-37	-129	-170	-157	-49	105	184	196	178	128	22	-137	-272	-350
-354	-277	-200	-266	-419	-419	-517	-519	-470	-411	-354	-314	-331	-377	-371	-325	-289	-290	-300	-347	-415
-480	-520	-507	-419	-245	-245	-40	93	170	140	35	-83	-145	-159	-128	-111	-124	-105	-36	-1	-43
-36	56	107	61	16	16	10	-8	-92	-164	-173	-110	-67	-67	-68	-78	-123	-121	-48	43	57
52	35	-11	-40	-46	-46	-60	-71	-46	15	52	-122	-78	4	54	85	171	160	165	136	64
14	23	17	-16	-24	-24	-26	-27	-34	-68	-101	-141	84	62	82	86	148	187	183	165	162
148	118	110	140	186	186	214	190	165	171	171	141	84	62	82	86	64	55	98	141	149
132	107	86	86	87	87	64	-10	-86	-139	-195	-245	-233	-198	-208	-235	-240	-215	-188	-160	-150
-164	-168	-132	-88	-49	-49	-27	21	71	96	115	133	123	93	68	76	81	63	64	55	-10
-100	-153	-146	-134	-115	-115	-96	-69	-24	33	107	177	205	180	144	112	92	49	-5	-12	27

111128 71.087.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 452 435 NORTH OAKHURST AVENUE, BASEMENT, BEVERLY HILLS, CAL. COMP DOWN 34 04 40N, 118 23 26W
INSTR PERIOD = 0.0370 SEC DAMPING = 0.553 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -36.4 CM/SEC/SEC AT 10.82 SEC VELO = -5.8 CM/SEC AT 17.06 SEC DISP = -2.3 CM AT 18.00 SEC

1370 INSTRUMENT AND BASELINE CORRECTED DATA										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = -0.83735 CM/SEC										INITIAL DISP = -0.04007 CM									
45	122	115	57	23	24	17	-35	26	21	-17	16	12	-4	-5	80	-20	45	16	-72
-48	-26	-17	-46	-24	4	24	47	-27	-14	35	-16	-62	8	90	71	34	25	-19	-42
-28	-35	-13	-10	30	71	15	-67	-80	-72	15	-68	-10	68	73	13	21	43	-41	-44
14	37	36	49	37	-2	23	-7	-47	57	129	32	-21	37	5	-57	-53	-49	2	59
56	2	-22	-32	-28	32	32	-12	13	70	51	-19	-57	-17	69	78	79	7	-50	-56
-13	-89	-137	-114	-66	-38	9	-11	-57	-89	-35	67	48	19	132	166	24	-12	-53	-7
34	66	70	66	56	13	-75	-134	-158	-109	-23	71	45	54	76	56	28	22	-25	16
92	70	37	20	14	18	63	74	21	27	99	89	38	12	51	8	-53	-127	-61	-29
16	-3	-28	43	25	-55	-33	30	-79	-56	106	103	47	3	8	120	125	-17	-62	122
74	-62	-69	30	-41	-127	-129	-108	-167	-280	-173	32	24	-57	17	29	-55	-102	-63	-52
-19	-51	20	114	86	4	4	-5	-126	-127	-116	-109	-97	-100	-112	-25	-19	-45	-41	33
143	88	4	-41	-4	33	79	125	159	253	316	240	199	93	-65	-189	-48	-36	-105	-129
-79	26	-54	-154	-79	50	93	43	32	-32	-57	53	66	-65	-27	3	29	51	50	-59
-144	-114	-90	-94	-163	-179	-9	28	-89	-123	-22	109	168	10	-104	-35	-11	-39	-115	-81
76	106	30	58	142	187	56	30	-31	-175	-208	-148	-33	-48	-50	-37	156	187	-2	-66
30	72	2	-24	-14	25	-10	-111	-92	-62	-36	-27	39	118	214	250	331	204	50	-73
-120	-40	70	111	81	44	48	116	212	179	-20	-138	-89	-132	-134	30	98	128	93	60
13	47	94	87	73	92	58	-54	-192	-150	-18	-68	-126	-131	-30	8	-3	-16	34	-34
-207	-158	15	72	41	-46	-117	-31	-31	-109	-74	-14	-27	14	117	136	105	95	9	-18
21	-56	-195	-296	-169	-6	137	109	21	32	69	28	-24	-38	-80	-156	-78	39	183	222
190	158	180	183	162	148	203	215	179	102	67	42	21	-40	-57	-77	-96	-29	-37	-77
9	18	-63	-42	-43	-110	-60	-5	1	-63	-107	-222	-223	-146	-144	-183	-160	-146	-154	-100
-30	-19	18	100	67	27	10	126	143	198	246	254	230	190	116	20	-64	-3	19	-19
-67	-91	-133	-169	-165	-169	-177	-140	-97	14	97	63	86	71	14	-18	-31	-20	-36	-77
-78	-39	-62	-103	-110	-75	-26	24	27	-19	-76	-122	-127	-112	-146	-184	-110	12	79	48
23	24	61	120	102	9	-98	-91	-50	-44	-1	42	21	72	99	90	98	110	112	95
82	55	15	-31	-28	-10	-44	-16	36	85	79	98	83	54	37	13	-38	-95	-105	-82
-197	-364	-332	-182	-13	76	69	81	208	340	363	339	343	295	222	185	125	-14	-115	-127
-148	-122	-134	-247	-250	-138	-70	-61	-42	-3	16	30	54	50	54	50	53	45	40	53
18	-59	-133	-156	-177	-151	-51	11	77	72	67	79	100	96	84	92	81	89	77	86
31	-17	-25	17	25	110	186	162	71	32	37	52	53	-24	-74	-62	2	64	65	18
-101	-213	-216	-166	-163	-151	-100	-82	-98	-102	-106	-105	-91	-79	-86	-45	48	71	51	36
47	94	118	81	28	11	24	18	-51	-98	-90	-51	-57	-84	-59	-29	-39	-24	24	24
-15	-83	-148	-155	-80	10	18	-15	-22	5	34	43	74	150	139	117	135	134	150	119
68	50	91	117	60	-16	-57	-90	-104	-76	-48	-23	-29	-71	-54	-4	41	43	32	32
31	25	19	20	23	36	44	33	15	27	40	31	7	-5	2	-4	-29	-27	-41	-34
-2	8	-11	-19	-21	-33	-37	-38	-63	-77	-54	-37	-50	-54	-34	-49	-68	-65	-70	-77
-62	-41	-33	-9	38	60	58	60	61	59	-11	48	66	73	35	-11	-29	-28	-29	-42
-51	-55	-73	-96	-85	-58	-48	-35	-29	-34	-17	12	10	23	43	31	25	69	126	151
149	121	87	76	81	95	98	41	-8	-1	49	100	126	140	126	120	148	150	121	125

120	87	62	51	58	64	50	23	10	8	20	6	-40	-75	-77	-63	-62	-56	-63	-60
-29	-42	-90	-99	-88	-89	-109	-124	-124	-128	-149	-144	-111	-109	-152	-181	-196	-206	-211	-210
-202	-199	-198	-198	-194	-184	-170	-157	-133	-112	-100	-75	-30	-8	-26	73	97	64	39	64
80	80	66	51	46	57	71	63	38	35	33	12	4	30	46	21	17	34	67	89
95	81	82	90	107	91	77	90	108	95	77	74	57	64	94	91	70	68	69	50
29	26	54	56	46	54	67	74	73	93	107	116	113	81	62	67	62	43	21	15
31	51	34	-4	-26	-2	25	38	26	28	43	66	74	63	59	59	44	32	46	50
42	35	54	60	30	0	-25	-19	-28	-71	-95	-74	-33	-13	-20	-24	-3	11	10	-2
-16	-22	-22	-33	-44	-50	-61	-83	-105	-125	-143	-157	-153	-132	-110	-98	-111	-118	-110	-92
-80	-79	-91	-88	-75	-72	-68	-61	-60	-83	-95	-87	-78	-60	-26	-7	-8	1	7	22
29	33	39	28	10	-16	-23	-16	-3	7	10	9	3	4	10	11	9	4	2	10
3	-1	24	41	51	64	73	62	47	39	42	50	47	48	46	30	14	7	6	12
-3	-18	-7	12	25	36	41	39	42	43	27	18	19	9	-4	-9	-22	-39	-52	-47
-56	-64	-55	-46	-36	-28	-24	-26	-30	-32	-32	-29	-21	-20	-27	-33	-26	-10	-4	-4
4	17	12	19	37	42	28	40	76	94	77	61	43	41	45	23	-14	-37	-31	-24
-25	-25	-24	-28	-25	-12	-6	-3	-10	-9	-7	-14	-25	-26	-14	14	29	20	13	17
30	34	37	35	31	36	36	30	20	-1	-19	-19	-19	-28	-25	-19	-19	-21	-30	-29
-18	-11	-15	-15	-10	9	15	-3	-22	-24	-17	-6	-1	-13	-11	-4	-5	-13	-12	-19
-33	-35	-21	-9	-2	-4	-18	-16	-6	1	-4	-1	32	53	68	61	48	41	43	58
66	71	63	62	67	59	57	53	52	46	45	49	48	43	30	13	16	37	41	38
31	27	18	11	2	-9	-11	-9	-17	-22	-26	-43	-59	-71	-80	-80	-84	-93	-95	-99
-103	-104	-98	-75	-49	-37	-28	-8	8	13	20	22	14	12	13	14	19	26	25	13
14	11	21	35	33	34	34	33	24	2	1	17	27	24	17	17	13	6	-1	-1
-5	-18	-21	3	17	-4	-21	-3	17	32	44	40	33	32	26	26	23	13	6	6
10	15	21	31	39	36	30	19	22	31	25	20	13	2	-4	-6	-11	-19	-27	-38
-50	-51	-42	-30	-23	-18	-13	-14	-19	-31	-37	-36	-40	-49	-52	-55	-60	-57	-57	-65
-65	-64	-59	-51	-46	-55	-56	-45	-20	-3	10	17	13	4	1	4	9	14	12	5
-6	-7	-3	3	16	14	-2	-13	-16	-14	-8	-17	-24	-22	-9	3	14	22	30	34
36	43	43	36	40	46	47	47	45	41	-8	-17	-24	-22	-9	3	14	22	30	34

111129 71.088.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 453 435 NORTH OAKHURST AVENUE, 5TH FLOOR, BEVERLY HILLS, CAL.
 INSTR PERIOD = 0.0320 SEC DAMPING = 0.463 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP NOOE 34 04 40N, 118 23 26W

PEAK VALS ACCLN = -121.6 CM/SEC/SEC AT 11.18 SEC VELO = 17.7 CM/SEC AT 10.36 SEC DISP = -7.9 CM AT 9.58 SEC

INITIAL VELO = -0.03430 CM/SEC INITIAL DISP = 0.57253 CM
 1370 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

21	-2	4	-14	-32	-54	-7	42	39	52	6	-63	22	-32	43	63	51	-3	-8	-28
-108	-7	-12	3	31	-5	-30	-105	-92	-84	-19	102	-5	-34	-17	-16	-17	-33	39	48
-16	-3	-49	-65	-9	-1	-59	-38	37	-8	-30	29	18	67	91	-10	-85	16	28	1
110	49	-32	-75	-142	-82	-24	57	60	-7	109	62	-82	-50	44	-7	4	-62	-57	63
108	60	78	48	-31	-74	-27	-24	13	44	-61	-142	-19	36	13	49	-16	-51	-14	61
62	54	75	-12	-99	-23	-23	-7	67	-16	-56	-16	-22	44	89	53	-4	-104	-135	-50
3	-20	-19	42	-19	-151	-191	-109	24	86	-76	102	-32	-95	-60	63	254	308	156	79
123	76	8	62	0	-42	-27	-62	-63	59	41	-77	-128	-137	-167	-69	30	179	213	146
65	28	-14	-11	118	159	162	117	28	-100	-105	-44	-54	-41	-40	-29	-95	-165	-137	7
102	-11	13	97	-13	7	127	139	87	-17	-74	7	51	192	251	154	0	-231	-361	-181
15	123	125	45	-116	-291	-274	-76	168	186	186	9	-116	-102	-20	260	422	308	194	-8
-159	-82	45	158	150	140	71	-47	-81	8	11	-123	-196	-176	-198	-99	41	66	39	-59
-259	-203	-178	-46	161	357	325	259	187	67	-65	-96	67	110	184	282	-10	-156	-56	-114
-163	-93	-113	-232	-249	-9	258	264	112	93	156	168	204	232	12	-359	-480	-300	16	164
314	490	214	-400	-444	-100	128	305	412	26	-599	-584	-351	-34	164	170	8	-222	-717	-1006
-866	-323	197	301	327	281	-149	-481	-68	577	975	1048	775	315	148	177	234	242	-52	-444
-606	-823	-909	-752	-561	-449	-389	-361	-337	-177	37	85	-197	-446	-424	-210	265	637	693	714
572	336	232	209	203	152	26	-191	-132	-17	-26	-143	-347	-434	-489	-555	-373	-133	27	57
-147	-296	-116	254	580	919	975	625	184	-12	78	423	684	674	487	125	-400	-746	-801	-730
-630	-577	-702	-754	-678	-611	-364	-218	-214	-252	-262	-275	-129	100	415	510	366	334	314	103
-31	-61	-113	-69	49	34	-40	32	75	25	73	169	229	227	210	273	346	293	443	535
402	396	479	342	209	93	-177	-455	-362	148	513	318	-305	-834	-944	-887	-671	-218	211	236
-225	-768	-888	-688	-323	31	237	329	267	113	-226	-412	-117	380	695	827	683	442	368	319
-32	-232	-154	-108	-49	177	385	270	-74	-396	-460	-368	-182	85	338	516	550	403	313	525
761	836	785	828	786	618	504	459	336	76	-121	-307	-411	-489	-353	-96	-4	-155	-432	-632
-551	-367	-142	79	238	285	209	112	211	452	687	831	818	713	620	589	478	347	69	-207
-457	-598	-663	-776	-770	-595	-389	-483	-817	-1071	-1058	-886	-700	-315	89	353	477	596	731	759
852	1124	1185	892	625	392	348	317	55	-283	-613	-692	-643	-588	-597	-571	-586	-730	-1007	-1216
-1007	-572	-172	127	306	192	-38	-104	0	292	725	1061	1180	1040	766	411	70	-149	-173	-169
-203	-261	-336	-321	-321	-637	-1020	-1172	-1149	-1044	-849	-619	-394	-157	31	179	110	6	122	290
387	504	650	690	609	388	90	-131	-238	-278	-339	-385	-422	-410	-439	-581	-681	-597	-438	-265
-159	-102	13	235	398	503	665	819	935	975	888	647	478	367	243	125	128	105	-81	-326
-604	-812	-946	-904	-733	-557	-478	-463	-490	-519	-502	-378	-129	137	478	682	771	766	701	660
703	729	707	754	710	439	124	-78	-238	-313	-296	-277	-376	-601	-763	-774	-775	-737	-528	-315
-189	-167	-175	-219	-173	15	162	262	381	482	441	257	139	137	252	352	336	180	2	-156
-268	-305	-290	-212	-107	-76	-148	-153	-85	-10	43	91	133	167	165	142	118	151	224	303
365	355	315	291	256	189	102	29	29	78	102	60	18	6	-12	-34	-34	-72	-138	-136
-6	86	102	93	91	83	59	21	23	142	290	363	404	428	391	299	243	212	171	159
194	196	101	-8	-31	51	158	211	173	50	-120	-234	-253	-174	-18	121	128	-31	-164	-239
-253	-117	84	204	156	-72	-326	-464	-420	-314	-229	-118	-63	-145	-334	-487	-545	-485	-306	-133

-72	-80	-104	-121	-112	-65	2	35	63	83	53	-52	-102	-82	-66	-65	-116	-183	-187	-163
-181	-226	-264	-260	-242	-241	-189	-104	-39	-7	63	120	128	173	237	289	309	289	265	258
198	117	97	137	207	206	145	71	-1	-86	-152	-121	-79	-70	-27	11	43	121	240	295
316	357	377	308	269	302	355	423	465	398	253	121	26	-13	-9	7	12	-79	-190	-284
-375	-421	-365	-174	-65	-29	-19	-45	-90	-107	-93	-38	76	222	310	298	220	94	40	48
75	82	69	8	-87	-174	-156	-192	-227	-136	-292	-386	-493	-503	-435	-337	-210	-117	-86	-105
-175	-238	-183	-43	76	142	142	71	20	36	64	62	72	66	10	-141	-271	-298	-252	-184
-108	-46	-56	-128	-199	-217	-123	10	121	183	158	60	6	50	122	182	246	207	73	3
-4	20	72	126	100	-9	-125	-213	-273	-259	-194	-121	-97	-93	-79	-30	8	29	64	109
115	92	125	195	254	309	365	382	324	222	139	98	110	133	97	32	-18	-65	-100	-96
-58	-24	-31	-111	-189	-205	-161	-65	35	95	137	158	176	195	202	193	184	194	181	135
86	15	-69	-138	-193	-255	-288	-273	-254	-272	-298	-316	-320	-276	-190	-116	-45	-6	-19	-14
39	121	202	281	366	386	356	276	180	133	151	199	247	212	80	-88	-227	-300	-309	-272
-221	-190	-187	-237	-288	-283	-214	-77	54	117	124	113	140	193	265	391	534	593	559	449
271	81	26	45	85	119	83	-12	-131	-288	-390	-372	-243	-102	-31	-34	-105	-155	-126	-64
13	108	171	166	103	18	-20	8	39	62	63	52	25	-39	-112	-134	-125	-120	-127	-176
-275	-352	-350	-283	-186	-80	-4	23	-17	-133	-191	-123	0	138	236	260	196	129	70	24
2	57	155	196	141	4	-104	-140	-137	-67	41	105	104	19	-91	-119	-44	85	166	190
177	115	17	-61	-69	-30	34	97	132	93	-12	-109	-150	-122	-66	-15	-6	-45	-118	-195
-230	-192	-114	-38	30	53	-4	-57	-65	-32	14	48	66	61	16	-34	-32	40	126	151
112	18	-77	-105	-35	70	123	155	159	96	8	-38	-9	73	145	172	143	103	61	35
60	104	126	115	75	37	14	-9	-50	-70	-80	-95	-119	-141	-137	-114	-84	-57	-61	-85
-97	-88	-81	-77	-67	-54	-45	-47	-46	-45	-51	-30	24	33	-24	-61	-52	-30	-6	21
20	-30	-70	-77	-78	-81	-70	-48	-62	-92	-97	-92	-92	-65	-49	-63	-61	-14	37	71
92	96	84	85	84	81	121	168	181	177	173	153	133	120	119	124	123	91	52	40
33	20	39	35	-3	-38	-63	-109	-163	-175	-148	-109	-90	-113	-159	-167	-130	-83	-37	6
22	32	36	32	35	72	135	187	187	130	71	32	5	-7	-12	-13	-20	-27	-52	-84
-90	-68	-44	-33	-47	-45	-22	-3	11	30	60	85	94	94	92	87	101	136	152	136
115	90	63	25	-16	-18	2	-9	-36	-68										

111129 71.088.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 453 435 NORTH OAKHURST AVENUE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP DOWN 34 04 40N, 118 23 26W
 INSTR PERIOD = 0.0340 SEC DAMPING = 0.471 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -44.5 CM/SEC/SEC AT 11.18 SEC VELO = -6.1 CM/SEC AT 17.08 SEC DISP = -2.6 CM AT 17.94 SEC

INITIAL VELO = -0.36969 CM/SEC INITIAL DISP = -0.14397 CM
 1370 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

159	66	88	90	-35	-8	21	18	65	-50	26	42	-38	71	35	30	-35	72	-56	-30
-26	-144	36	-32	-34	25	119	23	-129	37	-28	-25	46	10	58	59	60	-10	-67	-73
-122	-4	69	5	86	53	-52	-126	-131	-90	-97	-39	12	84	124	24	5	-80	-79	-46
-21	157	94	17	25	-52	-115	-72	91	61	61	102	-72	-93	-46	3	-13	-3	111	-5
-36	61	-54	-129	37	47	-25	64	61	19	8	-25	-61	-20	50	110	176	-2	-118	-166
-146	-141	-72	-29	8	-5	-60	-38	-40	-77	27	76	55	81	163	147	24	-115	-70	86
40	101	132	53	15	-88	-191	-263	-133	32	154	173	63	54	25	-43	11	56	39	112
41	50	50	23	65	54	76	37	-20	33	84	98	68	0	-16	-47	-144	-150	-9	-13
52	34	83	92	-46	-51	-80	-44	2	81	139	116	38	-106	63	154	29	-41	48	63
-15	-23	-73	-20	-44	-153	-126	-41	-261	-335	-49	69	78	40	150	-24	-210	-221	-45	103
-2	-24	88	19	18	50	48	-49	-225	-213	-181	-41	-94	-127	-7	-31	-80	-22	-4	98
175	153	68	-66	-57	-57	73	213	268	414	321	199	103	-171	-212	-143	-116	-41	-23	-93
-56	-2	-169	-170	-2	118	128	73	11	-102	-124	-13	62	78	-20	19	119	-79	-80	-63
-111	-58	-122	-83	-217	-267	5	15	-63	-62	-43	84	96	47	132	83	-148	-196	-253	-116
179	241	204	77	26	125	-65	-49	-23	-24	-162	-407	-71	27	-75	87	336	208	-143	-201
22	-75	43	145	104	181	-33	-368	-283	-131	52	290	314	140	25	61	283	338	240	30
-31	60	-111	31	260	36	-76	18	96	-52	-229	-197	-164	-270	-174	136	223	400	287	89
142	1	-123	203	387	363	126	-143	-363	-410	-224	-72	-127	-159	92	94	-189	-201	-61	-48
4	-3	13	119	118	26	58	61	-86	-219	-61	84	91	115	143	84	41	39	-61	-374
-3	-74	-174	-329	-248	-51	145	199	190	172	94	-185	-287	-168	-67	109	135	82	216	374
330	227	259	219	139	39	87	105	58	47	74	115	4	-189	-232	-203	-36	160	100	30
65	-115	-203	-67	-44	-37	46	-28	-53	-77	-98	-272	-323	-192	-183	-154	-87	-164	-183	-199
-133	-63	83	172	61	-98	-32	160	273	327	352	222	279	252	128	22	-20	-172	-224	12
160	-95	-276	-318	-306	-331	-178	-46	-49	-12	210	144	111	167	40	-200	-378	-161	94	59
-58	-105	-137	-201	-163	-8	68	127	93	42	55	-24	-146	-136	-321	-391	-144	141	146	-10
-184	-176	-18	97	53	-47	-139	-173	-69	-15	48	227	158	244	277	235	165	103	88	125
119	28	-107	-165	-170	-311	-261	-38	99	125	113	51	-49	-82	-15	112	48	-99	-170	-114
-173	-229	-299	-283	-28	223	235	207	224	367	320	261	324	239	207	266	188	-64	-307	-445
-359	-252	-110	-158	-141	-214	-216	-118	69	195	274	141	144	213	170	136	198	219	155	150
84	-123	-265	-328	-337	-302	-169	4	155	97	-128	-82	6	132	182	186	191	124	94	145
121	80	162	133	144	143	214	264	225	93	-63	-192	-131	-87	-180	-106	81	128	52	-26
-166	-293	-380	-288	-147	47	133	39	-14	9	38	101	135	68	-18	-73	37	130	102	0
-21	30	155	105	-63	-143	-174	-165	-147	-139	-103	-109	-116	-59	42	100	142	152	127	117
95	-8	-112	-118	-68	35	103	17	-106	-139	-106	-17	88	132	109	99	114	27	0	48
31	29	110	71	32	18	-10	-27	-32	4	0	7	-19	-67	-53	5	54	16	-16	-44
26	34	11	-41	-92	-67	-38	4	11	4	10	-15	-29	15	24	2	-19	-9	11	-14
-17	1	30	59	22	-80	-116	-94	-127	-169	-122	-55	-59	-64	-67	-69	-77	-89	-104	-84
-48	-31	-40	-12	25	50	92	130	57	57	45	9	-2	57	109	71	-38	-97	-82	-62
-20	27	5	-56	-101	-113	-105	-59	-21	-18	-14	0	-32	-56	-16	28	61	106	86	105
153	150	134	139	118	85	74	45	-35	-57	-10	52	113	147	144	134	171	150	118	143

111130 71.089.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 454 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL.
 INSTR PERIOD = 0.0360 SEC DAMPING = 0.506 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP NOOE 34 04 40N, 118 23 26W

PEAK VALS ACCLN = -250.9 CM/SEC/SEC AT 11.14 SEC VELO = 27.4 CM/SEC AT 11.02 SEC DISP = 8.0 CM AT 11.78 SEC

1372 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.51597 CM/SEC INITIAL DISP = 0.51567 CM

1372	INSTRUMENT AND BASELINE CORRECTED DATA															IN MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF										0.02		SEC.
-94	-96	-56	-18	-18	-17	-8	-4	-16	-6	32	51	67	84	92	4	17	-11	-36	11																			
-9	-1	-27	-33	-95	-118	-64	-68	-2	31	34	29	-14	-21	-67	-10	54	-27	-57	-57																			
-35	-42	-23	55	20	16	33	-47	-57	-47	-50	-82	-33	13	-21	18	45	46	119	105																			
-12	-54	24	-37	39	91	3	-51	-136	-188	-201	-152	-28	-44	58	200	182	130	150	119																			
56	-23	-135	-97	-71	-58	21	91	49	-63	-74	-28	-33	21	25	-58	-70	11	-28	-14																			
47	0	-90	-87	14	71	114	152	62	-10	18	-45	-14	12	-100	-113	-76	-10	96	122																			
150	95	-22	-107	-118	-129	-163	-118	-55	-145	-226	-211	-78	62	105	201	269	191	121	65																			
212	349	279	117	106	103	8	-22	-75	-167	-218	-265	-265	-144	-10	-9	-38	-26	-92	-85																			
-14	156	297	315	331	329	257	111	42	55	54	47	21	-55	-202	-275	-240	-213	-239	-234																			
-153	-109	-81	-32	121	225	156	203	239	115	103	162	179	118	-60	-147	-142	-70	91	114																			
127	17	-193	-296	-188	-49	46	75	46	-124	-302	-327	-123	100	205	247	185	125	75	173																			
414	467	419	265	11	-108	-108	-73	-67	-85	-55	-118	-181	-117	-24	-60	-179	-178	-190	-246																			
-155	-2	107	170	63	-116	-72	-38	-41	156	352	452	526	524	359	71	-35	-31	-132	-58																			
9	-208	-308	-274	-292	-279	-226	-220	-287	-299	-25	282	405	348	331	315	387	581	615	182																			
-304	-574	-541	-409	-289	89	318	-35	-353	-141	105	240	551	687	167	-361	-533	-503	-336	-279																			
-260	-324	-586	-963	-1059	-940	-394	129	567	994	1012	441	101	389	726	1014	1130	891	466	263																			
291	372	242	-229	-802	-1256	-1530	-1715	-1703	-1594	-1480	-1186	-781	-366	94	522	1010	1091	857	646																			
545	721	994	1078	995	780	552	431	252	-45	-295	-558	-927	-1008	-972	-872	-831	-865	-793	-781																			
-659	-317	25	372	582	538	510	687	964	1307	1609	1685	1281	587	60	-214	-203	-109	-209	-317																			
-567	-946	-1248	-1432	-1423	-1245	-1105	-1097	-975	-776	-423	44	325	453	502	469	460	500	637	831																			
752	540	556	479	170	-97	-301	-506	-653	-654	-595	-538	-366	-273	-127	147	362	470	534	615																			
786	890	888	948	792	554	547	521	249	46	-208	-633	-1134	-1137	-612	-165	-190	-450	-711	-959																			
-1089	-777	-178	251	260	-97	-343	-422	-409	-252	63	333	537	666	598	218	10	215	426	582																			
674	620	580	608	389	-2	-290	-501	-732	-846	-627	-220	-150	-316	-373	-274	-119	191	515	744																			
950	1065	1008	922	927	928	886	870	915	762	535	449	417	224	-95	-478	-862	-1254	-1477	-1322																			
-972	-813	-807	-747	-588	-360	-91	187	478	764	975	990	969	1096	1243	1333	1379	1307	1185	1004																			
769	504	173	-320	-904	-1523	-1941	-2198	-2294	-2199	-1882	-1447	-1191	-1104	-979	-779	-584	-232	355	1066																			
1625	1828	1991	2146	2091	2048	2133	1943	1452	975	530	177	-198	-637	-1169	-1720	-2271	-2509	-2438	-2169																			
-1850	-1514	-1265	-1087	-876	-485	-25	473	1040	1550	1669	1502	1257	1105	1179	1338	1430	1391	1201	931																			
544	130	-281	-704	-1138	-1387	-1663	-1820	-1750	-1619	-1699	-1741	-1652	-1495	-1239	-887	-493	-66	375	887																			
1357	1495	1620	1824	1833	1745	1654	1544	1266	794	269	-250	-743	-1249	-1674	-2041	-2266	-2293	-2088	-1844																			
-1672	-1384	-956	-477	26	463	817	1203	1579	1928	2130	2276	2289	2172	1932	1575	1109	575	74	-469																			
-959	-1236	-1398	-1648	-1970	-2184	-2289	-2246	-2006	-1544	-1062	-649	-269	89	383	577	744	942	1297	1673																			
1949	2076	1986	1706	1437	1185	885	616	391	139	-273	-684	-1006	-1308	-1570	-1664	-1611	-1576	-1596	-1533																			
-1358	-1152	-810	-344	100	460	718	897	960	1013	1125	1168	1176	1131	1000	719	376	93	119	-225																			
-282	-387	-503	-577	-675	-794	-833	-735	-521	-328	-216	-146	-33	137	275	385	490	582	658	651																			
601	553	496	426	360	335	261	180	109	31	-69	-168	-256	-258	-197	-152	-128	-93	-27	3																			
28	56	13	-57	-23	78	147	203	267	313	296	225	151	118	124	144	179	268	339	358																			
329	284	257	214	217	224	149	0	-146	-196	-163	-85	1	31	-37	-167	-270	-288	-199	-23																			
146	173	79	-46	-158	-218	-135	34	167	168	-14	-240	-385	-449	-465	-442	-343	-268	-313	-416																			

-495	-539	-500	-354	-198	-53	73	144	172	213	281	343	351	323	267	141	1	-93	-157	-197
-268	-390	-488	-495	-462	-448	-443	-401	-301	-232	-173	-33	101	173	224	302	381	426	459	518
575	601	555	492	407	278	127	0	-68	-96	-158	-222	-258	-299	-379	-424	-357	-265	-195	-106
-14	95	238	401	549	682	806	859	777	671	611	586	548	467	310	123	-86	-284	-449	-547
-558	-564	-611	-667	-695	-727	-684	-515	-312	-121	68	213	315	371	384	397	431	492	573	620
558	395	242	114	-8	-100	-177	-260	-391	-552	-652	-661	-638	-609	-563	-550	-596	-595	-530	-455
-344	-166	23	203	308	289	235	232	294	351	383	327	178	64	-9	-58	-89	-106	-116	-179
-313	-437	-493	-511	-473	-356	-218	-136	-114	-104	-55	43	186	345	477	501	401	309	281	296
322	308	189	33	-90	-159	-192	-158	-101	-118	-190	-258	-337	-405	-399	-326	-243	-187	-124	-51
50	156	244	341	411	426	412	429	466	486	499	526	497	386	261	131	-7	-87	-139	-201
-276	-350	-423	-464	-424	-295	-164	-86	-80	-81	-55	12	95	185	266	325	360	383	402	396
350	304	254	189	121	56	-35	-166	-289	-418	-549	-643	-662	-678	-676	-651	-586	-494	-364	-186
11	206	335	381	434	501	581	661	726	778	773	667	511	351	182	22	-74	-129	-216	-381
-564	-748	-856	-870	-805	-695	-566	-450	-341	-225	-89	83	298	518	677	756	797	795	733	660
665	704	667	582	455	238	-17	-218	-359	-436	-454	-466	-484	-530	-618	-703	-678	-527	-321	-139
29	121	167	206	243	308	399	495	520	420	274	163	70	-16	-92	-166	-222	-276	-336	-403
-418	-387	-332	-257	-207	-240	-293	-304	-268	-166	-31	94	188	204	136	67	67	100	169	249
315	308	262	198	117	23	-32	0	59	47	-35	-128	-210	-277	-250	-138	-23	44	48	6
-33	-12	64	163	255	318	324	249	140	64	-4	-47	-41	-7	3	-60	-152	-227	-234	-183
-107	-55	-34	-67	-128	-172	-173	-133	-67	-5	46	59	43	41	62	95	137	169	157	89
9	-27	-7	52	89	74	3	-110	-193	-172	-80	5	90	162	161	109	69	90	155	207
226	214	178	123	73	58	70	55	13	-48	-85	-85	-92	-119	-140	-152	-161	-176	-191	-189
-181	-157	-104	-58	-33	-23	-19	-24	-17	-2	7	13	-6	-22	-28	-37	-23	32	61	35
-5	-10	-12	6	35	24	-17	-62	-97	-119	-140	-149	-142	-151	-159	-121	-82	-50	-7	19
14	18	50	84	118	147	159	149	143	114	91	109	138	148	161	173	177	176	172	170
166	147	88	14	-20	-57	-108	-126	-112	-119	-136	-149	-175	-221	-254	-239	-191	-148	-133	-136
-124	-111	-80	-8	64	113	127	132	122	113	125	167	219	241	206	163	116	61	3	-52
-104	-144	-194	-242	-285	-303	-281	-228	-170	-116	-60	-2	57	114	174	231	266	274	270	254
217	192	180	154	113	60	1	-56	-119	-175	-205	-216								

111130 71.089.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 454 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL. COMP S90W 34 04 40N, 118 23 26W
 INSTR PERIOD = 0.0380 SEC DAMPING = 0.594 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -240.1 CM/SEC/SEC AT 8.80 SEC VELO = -22.6 CM/SEC AT 10.14 SEC DISP = -9.1 CM AT 11.06 SEC

INITIAL VELO = 0.41514 CM/SEC INITIAL DISP = -0.00392 CM

1371 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-58	-52	-35	-16	-8	20	45	38	28	33	12	3	40	51	33	-1	-8	-48	-58	-37
-46	0	-9	-48	-65	-21	4	17	41	63	100	108	76	32	-21	-75	-149	-159	-147	-104
-72	2	42	66	117	93	76	101	147	116	-28	-113	-79	-96	-100	-120	-111	-57	-51	-62
-3	102	131	156	206	166	117	42	-84	-228	-241	-227	-205	-26	104	173	235	198	91	27
36	16	-49	-69	-109	-169	-114	-65	-84	-228	27	23	118	180	30	-29	-15	20	68	51
-42	-140	-153	-78	-77	-129	-119	0	161	224	166	106	88	22	-32	-57	-32	-30	-62	-142
-194	-210	-241	-270	-150	102	251	251	170	189	247	113	-31	-39	-16	-74	-97	-177	-256	-191
-20	84	163	240	173	62	63	66	44	-33	-111	-125	-62	-23	-59	-140	-183	-79	42	99
110	148	172	175	179	128	52	-16	-91	-99	-21	-29	-188	-262	-257	-229	-92	-15	30	17
88	68	36	67	55	52	47	4	-4	5	-68	-127	-81	-2	105	50	12	-1	14	8
26	-26	-128	-144	-95	36	213	186	32	-42	-32	-29	-63	-7	-46	-128	-59	-7	54	146
158	294	393	367	165	-13	-52	-55	-200	-277	-333	-294	-159	-83	-112	-102	9	125	130	92
136	284	427	423	323	194	71	-48	-150	-200	-238	-233	-160	-94	-48	0	47	130	310	385
289	108	-159	-301	-333	-425	-672	-991	-1056	-889	-558	-330	-240	-14	307	687	945	902	770	865
1065	1076	835	588	385	83	-373	-739	-902	-1056	-1177	-1074	-829	-726	-536	-241	104	433	747	884
1031	1237	1269	1158	861	518	163	-352	-931	-1459	-1852	-1974	-1912	-1820	-1625	-1048	-277	459	1240	1876
2341	2385	2108	1770	1442	938	357	-281	-872	-1225	-1248	-1334	-1565	-1680	-1396	-667	198	742	1102	1348
1462	1652	1795	1611	1353	1186	914	78	-938	-1483	-1504	-1503	-1624	-1760	-1769	-1327	-612	-178	48	557
1309	1725	1649	1209	805	808	812	272	-543	-1079	-1163	-1093	-1148	-1222	-1222	-840	-278	182	471	738
888	1065	1210	1307	1159	726	313	131	-76	-467	-921	-1411	-1725	-1742	-1192	-575	-293	-168	27	581
1148	1118	742	384	275	297	67	-278	-361	-328	-272	-213	-74	-77	-284	-538	-492	-190	53	66
28	-36	-57	18	271	525	674	830	1018	1153	1167	856	304	-120	-275	-233	-436	-866	-1473	-2250
-2401	-1773	-997	-532	-314	-6	381	722	1015	1297	1478	1628	1511	1046	538	16	-632	-1231	-1768	-1940
-1963	-1875	-1681	-1473	-1089	-345	558	1130	1504	1711	1779	1825	1880	1823	1406	831	198	-508	-1168	-1462
-1476	-1588	-1874	-1833	-1437	-727	-64	421	756	971	1158	1445	1630	1456	1026	540	35	-443	-864	-1274
-1677	-1992	-1890	-1512	-1228	-1069	-754	-66	626	1194	1638	1975	2132	1985	1617	1157	674	328	63	-227
-577	-933	-1153	-1236	-1310	-1272	-948	-515	-163	158	590	944	1066	1047	1182	1373	1325	952	385	-323
-959	-1310	-1476	-1697	-1869	-1563	-921	-214	414	972	1439	1919	2333	2341	2122	1819	1507	1158	701	118
-418	-763	-943	-1104	-1411	-1738	-1668	-1180	-615	-223	-41	285	718	1119	1413	1592	1618	1399	1026	663
299	-73	-461	-951	-1409	-1664	-1692	-1561	-1284	-786	-216	247	567	864	1190	1394	1477	1419	1237	1047
797	427	-42	-479	-640	-597	-552	-489	-394	-256	-169	-70	-33	-21	129	344	506	537	449	337
206	-20	-302	-570	-844	-993	-962	-912	-1011	-1173	-1079	-743	-362	-17	183	270	337	419	445	428
310	113	-141	-436	-756	-1155	-1448	-1548	-1314	-912	-483	-34	352	623	778	869	945	957	811	536
250	11	-190	-485	-674	-638	-529	-429	-338	-228	-80	21	20	17	106	255	262	186	46	-95
-188	-171	-138	-157	-156	-156	-144	-89	-7	26	21	29	145	260	283	337	430	474	457	383
340	326	253	15	-226	-374	-442	-482	-490	-511	-520	-450	-314	-193	-100	58	293	445	519	579
654	691	617	521	368	160	-29	-134	-173	-163	-204	-278	-273	-144	-29	9	35	138	236	281
299	330	374	366	296	194	108	47	3	-62	-213	-378	-477	-537	-594	-603	-540	-493	-458	-370
-209	-68	41	134	164	164	187	217	190	126	79	85	113	134	129	83	16	-28	-6	27
20	29	58	22	-88	-185	-226	-229	-220	-220	-217	-182	-51	132	326	492	568	561	550	534

111130 71.089.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 454 435 NORTH OAKHURST AVENUE, ROOF, BEVERLY HILLS, CAL. COMP DOWN 34 04 40N, 118 23 26W
 INSTR PERIOD = 0.0360 SEC DAMPING = 0.531 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 94.0 CM/SEC/SEC AT 6.26 SEC VELO = -6.2 CM/SEC AT 17.08 SEC DISP = -2.6 CM AT 18.10 SEC

1372 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.23037 CM/SEC INITIAL DISP = -0.05861 CM

217	182	-7	-153	-159	13	126	2	-25	75	-15	-94	17	13	31	39	48	-22	-53	147
-133	-24	-17	-214	-70	47	126	53	18	21	-104	-35	-166	-43	185	37	31	71	85	26
-153	-144	-83	-36	130	138	-4	-74	-47	-151	-179	-69	-49	10	99	98	51	117	31	-235
-138	105	35	34	153	67	-218	-123	30	-148	147	337	23	-11	13	-232	-253	63	171	88
65	-32	-154	-67	68	-37	-5	89	17	119	83	-7	-25	-32	-148	-47	149	136	143	61
-95	-288	-297	-97	31	54	65	39	-74	-169	-161	-4	140	120	66	158	104	-96	2	150
-90	-71	128	285	237	62	-201	-386	-319	-135	38	130	165	196	134	-86	-165	8	149	215
224	-83	-234	23	102	91	123	85	-42	-35	62	48	110	66	45	12	-61	50	-95	-222
-159	-19	133	174	217	-31	-224	-31	-135	-83	158	183	-35	111	331	-43	-43	-1	-45	133
181	-126	-204	82	-49	-198	-30	44	-153	-251	-248	-83	-82	-53	286	235	-80	-248	-157	-79
-92	97	111	50	-34	-114	-5	100	42	-106	-123	-194	-456	-181	108	123	97	-9	-137	-145
-5	230	133	100	197	-112	-287	-59	141	355	557	472	191	94	-80	-309	-202	-63	-143	-106
90	56	-108	-286	-208	-13	6	105	210	249	124	-194	-160	-78	-118	391	441	-158	-192	-237
-349	-66	136	20	-118	-192	-326	-122	199	221	293	2	-305	-41	275	248	169	-270	-402	-160
-92	-20	-90	-47	264	351	-26	-276	92	281	-125	16	141	-327	-282	51	266	242	9	-87
-84	-52	-314	-384	-10	247	102	-142	-324	-143	-80	36	640	940	641	188	20	8	7	-17
159	8	-414	-546	-313	-205	184	327	168	199	275	35	-229	-148	112	93	152	-81	-333	281
510	163	-201	-267	-250	-207	142	443	158	-40	-132	-239	-547	-309	471	474	328	67	-195	-325
-438	-408	-116	16	-62	107	120	-155	-243	-72	121	252	122	76	298	353	121	-27	-7	-56
-170	-107	-198	-425	-431	-339	-335	-144	256	413	289	159	20	-46	86	81	-101	-105	197	290
87	-145	-36	286	448	373	136	-15	5	-2	164	390	175	-141	-349	-277	-113	65	118	146
89	154	47	-178	-220	-164	-90	14	-24	-81	-246	-412	-368	-103	-3	-308	-508	-275	154	322
223	262	214	-151	-387	-92	278	399	237	-154	-234	83	201	35	29	241	272	66	-6	118
88	34	210	278	19	-140	-258	-574	-724	-282	96	152	109	126	-22	-301	-305	-108	51	104
146	282	406	216	88	-23	-126	-181	-176	0	129	133	-176	-605	-715	-500	-151	137	220	108
168	208	196	187	88	37	116	208	112	-145	-486	-516	-228	13	302	462	265	136	66	-57
-46	44	247	267	119	-38	-160	-168	-184	-124	250	243	-21	-215	-180	-166	-280	-249	-68	68
145	-40	-71	143	45	112	169	229	382	314	227	138	-123	-107	129	77	-20	174	7	-301
-367	-198	-271	-233	68	6	-12	139	0	-187	-83	129	373	389	99	-161	-319	-87	150	173
64	67	-37	-265	-402	-286	-42	315	441	114	-117	-96	57	-60	-221	-80	74	102	105	-38
-218	-164	62	285	402	358	291	165	136	129	173	99	123	-167	-402	-220	21	131	4	-231
-296	-154	-129	-140	-135	-43	-90	-162	-107	60	273	323	233	136	-39	-179	-184	-118	-67	-123
-84	106	145	-42	-108	147	276	165	29	18	-35	-169	-213	-271	-246	-139	-59	33	81	14
40	67	49	90	68	107	60	-35	-21	0	-38	-43	-72	-17	8	140	179	-23	-28	21
44	121	129	100	72	44	-23	-76	-95	30	109	25	-68	-59	3	-17	-34	-39	-72	-102
-45	55	62	-24	-9	-25	-25	8	0	10	29	84	138	43	-70	-50	17	61	11	-53
-90	-104	-67	-50	-31	55	97	26	-55	-130	-179	-163	-44	24	55	37	-62	-185	-174	-79
-40	-77	-88	-40	-36	-38	32	94	82	143	111	15	-11	33	112	127	133	122	49	-71
-135	-83	-12	10	9	-24	-82	-134	-173	-140	1	81	59	2	-94	-105	-13	66	145	192
128	39	20	117	184	157	154	107	30	-47	8	117	110	69	18	65	149	156	125	94

68	31	27	107	145	103	93	50	44	89	136	68	-29	-42	-11	1	-18	-75	-171	-198
-133	-63	-52	-62	-76	-90	-102	-133	-174	-181	-86	-31	-73	-94	-110	-180	-206	-195	-163	-154
-203	-260	-263	-217	-153	-117	-162	-198	-181	-130	-146	-194	-178	-93	34	95	89	14	-40	-20
126	262	225	44	-39	-23	8	59	116	163	127	47	-11	-47	-58	-48	26	36	23	76
83	23	-2	38	128	163	146	138	90	81	99	102	105	129	95	60	36	16	15	62
102	52	21	36	27	21	23	104	183	180	140	115	103	67	42	53	43	29	41	11
-7	-19	-29	-8	27	44	81	148	112	32	-5	16	80	115	127	81	53	44	16	1
52	48	10	-3	-1	21	19	20	27	15	-29	-76	-62	-2	12	-2	0	71	97	4
-76	-41	7	-29	-62	-81	-96	-76	-54	-100	-171	-137	-97	-132	-110	-95	-144	-146	-95	-77
-95	-130	-159	-139	-75	-45	-47	-59	-64	-67	-54	-9	10	-36	-60	-60	-49	-40	-65	-28
55	69	13	-51	-91	-54	-7	5	12	29	23	-3	-4	0	-2	63	113	92	34	-7
-13	-10	-13	-18	11	65	47	13	-1	-27	-54	10	63	60	60	52	37	52	66	77
42	-10	-54	-71	-21	-6	-57	-50	-10	53	100	40	-1	-21	9	61	34	23	39	-10
-31	-44	-79	-110	-142	-120	-101	-116	-126	-146	-143	-118	-49	55	43	-17	-45	-13	103	165
176	122	16	-24	-21	-5	3	-19	-34	-2	58	50	2	19	15	4	32	28	-9	17
35	0	-7	41	48	-21	-32	-15	-30	7	32	13	-32	-64	-45	7	33	39	36	53
111	129	39	-42	-71	-25	66	92	48	-40	-106	-64	-10	23	25	16	33	32	8	-3
5	9	26	33	25	11	-4	-11	-30	-31	16	49	3	-103	-108	-38	18	52	49	17
3	-8	-33	-45	-10	47	73	41	-2	-17	-50	-77	-62	1	83	100	70	52	34	16
34	68	72	86	126	121	85	20	-20	4	70	115	97	42	-4	-19	27	57	60	51
24	27	81	95	19	-47	-33	23	35	3	-47	-78	-49	-34	-35	-56	-89	-93	-101	-120
-93	-35	-27	-33	-50	-73	-91	-67	-19	61	76	17	-29	-50	-48	-27	8	29	33	43
41	7	-7	-5	17	76	112	74	10	-22	-41	-23	2	11	-20	-44	-37	-11	-4	-6
-3	1	-3	-16	4	44	62	35	-18	-49	-64	-52	-14	22	17	-11	-11	-35	-49	-46
-25	23	79	90	70	50	19	-10	5	38	39	41	-5	-62	-66	-55	-69	-41	4	5
1	-31	-74	-73	-21	18	36	49	32	-26	-63	-65	-76	-95	-90	-48	-15	-36	-93	-116
-77	-44	-17	-4	-19	-35	-45	-34	-21	-32	-36	-5	20	31	26	14	1	-12	-23	-21
-10	6	16	23	31	18	-6	-19	2	32	43	31	6	-26	-43	-36	-17	16	57	94
85	47	46	63	68	89	115	119	79	31	33	52								

111131 71.121.0
 STATION NO. 455
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.584
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 450 NORTH ROXBURY DRIVE, FIRST FLOOR, BEVERLY HILLS, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -184.3 CM/SEC/SEC AT 7.58 SEC VELO = 17.2 CM/SEC AT 11.80 SEC DISP = 9.3 CM AT 12.74 SEC

INITIAL VELO = -0.00813 CM/SEC INITIAL DISP = 0.21849 CM

2415 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-8	8	16	11	-1	-6	-5	-2	4	-10	-9	16	12	-24	-24	13	8	-11	10	0
-35	5	34	-22	-31	22	32	-14	-12	18	5	11	27	-7	-26	7	12	-34	-3	55
-21	-60	6	5	-18	55	28	-70	5	48	12	38	14	-55	-5	52	-11	-35	30	-20
-27	30	-27	-1	66	-21	-13	112	42	-57	-45	5	90	-36	-101	22	-23	-67	88	47
-58	22	55	-18	44	62	-95	-108	-8	1	-8	28	-23	-97	-58	63	82	2	-12	-15
24	127	87	-57	-117	-98	-103	-83	-38	94	153	16	-52	51	-21	-42	93	100	33	-117
-242	-245	-118	169	261	87	-64	-94	37	77	-5	-41	-14	38	100	54	-44	-140	-117	11
33	-74	-65	71	189	50	-99	-106	-43	-97	-168	57	193	118	58	-21	-17	84	93	-18
-32	-19	-98	-170	-96	43	64	-48	7	78	47	3	-84	-115	-90	-63	22	87	92	-47
-176	-86	68	63	38	119	154	52	8	-28	-93	-25	19	-77	-28	115	159	130	28	-83
-90	-100	-2	92	-79	-135	67	117	23	8	-52	-61	41	88	104	120	33	-50	39	11
-81	-24	33	77	85	-24	-139	-43	54	-15	49	133	82	16	-72	-161	-88	109	140	53
102	120	21	-54	-74	-32	-8	-103	-48	96	73	30	39	-7	-66	-57	-28	-41	-40	-86
-84	-54	-115	-55	68	94	80	76	78	36	-9	68	103	157	182	69	-52	-98	-47	107
130	9	40	-44	-58	-33	15	21	-38	-96	-51	-58	-115	-93	6	-8	-72	-60	-47	-147
-135	119	213	58	-33	5	104	202	293	287	70	-151	-254	-225	7	15	-228	-218	-74	-52
-120	26	365	403	99	-106	-55	143	383	496	420	368	347	180	-244	-663	-675	-455	-389	-485
-496	-320	7	97	-145	-235	221	948	1378	1236	685	-266	-918	-651	-179	-269	-575	-736	-639	-415
-284	-296	-288	-107	73	313	523	386	65	187	678	763	343	249	657	1111	1130	469	-848	-1843
-1813	-1351	-591	118	414	290	261	675	1171	1061	391	-405	-978	-1195	-1084	-628	-52	369	409	221
132	56	-227	-733	-1057	-1028	-645	101	908	1215	701	-414	-973	-996	-919	-826	-537	-31	487	651
607	574	657	702	496	-2	-254	-118	329	579	193	-447	-620	-132	411	720	615	353	125	-166
-317	-192	-120	-146	-39	321	691	652	-15	-632	-544	-53	79	-160	-524	-870	-1025	-915	-708	-500
-317	-221	172	769	831	270	-265	-351	-131	127	193	138	290	501	423	211	230	227	131	255
-281	-29	-301	-508	-657	-589	-187	348	707	728	542	412	498	647	443	-192	-710	-752	-519	-408
-298	-261	-437	-498	-279	62	529	880	995	919	612	172	-352	-746	-688	-260	80	101	210	479
500	290	1	-236	-208	27	305	462	530	671	773	561	83	-365	-625	-838	-1063	-1209	-1064	-531
-8	196	307	331	273	294	394	428	527	626	700	719	457	-1	-300	-362	-440	-481	-389	-136
170	352	442	484	531	556	422	256	388	696	696	455	369	447	449	218	-101	-266	-205	-24
98	9	-191	-239	-97	155	409	574	593	390	3	-360	-462	-359	-415	-595	-750	-758	-488	-11
393	443	236	-8	-55	-54	-150	-166	105	406	539	475	307	173	-39	-335	-503	-593	-809	-1062
-1136	-1023	-793	-449	-195	-194	-198	-59	220	579	894	842	397	-249	-667	-648	-522	-472	-620	-758
-531	-69	280	224	-98	-326	-267	-58	193	404	461	364	133	-134	-261	-287	-361	-525	-601	-522
-429	-364	-250	-158	-171	-183	-173	-60	142	260	290	468	296	-49	-39	-239	-300	-379	-350	-363
-566	-741	-671	-382	-51	153	133	116	217	320	405	483	484	301	-48	-296	-341	-256	-161	-169
-171	-69	35	58	87	141	169	169	214	302	437	490	352	241	319	498	543	427	249	58
-76	-182	-198	-36	240	434	466	416	339	278	215	109	19	28	83	97	17	-60	-62	-23
-34	-96	-148	-177	-204	-200	-169	-131	-82	-29	23	33	40	60	70	67	70	113	178	256
293	209	84	58	98	101	73	-4	-150	-184	-34	176	254	211	114	26	-70	-161	-255	-331
-411	-428	-311	-142	27	99	122	196	259	239	151	84	67	78	88	66	21	19	18	-32

-88	-115	-47	60	108	72	18	-44	-109	-138	-63	53	95	31	-34	-24	43	81	85	40
-7	-2	59	126	210	236	186	162	186	229	186	67	-23	-3	48	-15	-128	-158	-124	-122
-122	-18	131	192	209	212	186	134	175	4	-90	-138	-103	-50	38	123	173	219	186	108
134	139	37	-66	-122	-156	-91	99	221	179	93	60	83	118	49	-65	-87	-55	-42	-82
-191	-333	-453	-470	-364	-214	-138	-153	-176	-147	-92	-103	-160	-223	-284	-309	-261	-163	-60	37
47	-31	-126	-173	-192	-201	-135	6	50	-22	-97	-121	-128	-120	-132	-182	-208	-214	-280	-325
-245	-139	-112	-132	-149	-150	-105	-91	-130	-135	-67	24	102	124	79	-7	-53	-36	-21	-5
5	-76	-166	-135	-10	171	317	333	229	130	122	104	34	-4	51	126	137	82	87	185
295	312	228	124	45	-2	22	88	86	82	149	175	101	55	62	64	51	91	197	278
271	182	108	108	91	6	-58	-70	-67	-56	-23	-4	-5	-7	7	23	-2	-54	-78	-49
-1	-14	-19	60	117	67	-39	-116	-156	-122	-57	-4	68	188	241	205	78	-64	-129	-83
-4	15	-38	-55	-20	12	16	39	82	42	-73	-114	-64	-14	15	53	33	-39	-108	-156
-173	-139	-65	-1	30	20	-13	1	49	70	11	-65	-108	-138	-151	-137	-80	-16	-10	-45
-37	10	35	3	-63	-64	-35	-71	-99	-93	-83	-78	-38	39	89	64	11	-5	-2	2
22	28	21	36	89	138	128	63	11	42	121	126	56	0	-24	-25	-36	-4	35	38
35	27	7	6	39	83	117	112	87	62	64	85	87	54	35	36	53	110	171	169
143	147	139	120	88	43	8	-4	-17	-54	-92	-101	-42	35	70	49	31	40	76	82
65	24	-32	-76	-98	-93	-78	-90	-134	-171	-160	-79	18	70	47	-14	-61	-87	-72	-63
-106	-154	-133	-64	-3	45	54	24	15	25	-15	-62	-82	-67	-31	-6	-25	-59	-64	-50
-66	-94	-116	-96	-22	51	89	95	38	-37	-75	-73	-49	-64	-98	-80	-52	-56	-93	-135
-181	-206	-204	-174	-137	-100	-60	-26	0	38	66	49	15	-13	-33	-39	-31	-6	20	22
-4	-8	24	59	81	79	63	48	39	65	105	137	158	140	88	26	-19	-41	-12	25
42	51	43	-11	-43	-25	-11	-48	-106	-107	-17	58	50	25	44	61	55	28	1	-18
-7	15	55	125	196	198	138	99	95	73	21	-15	-27	-24	-13	-14	-35	-74	-102	-68
12	64	30	-66	-103	-31	71	116	91	50	48	92	115	72	15	-20	-42	-64	-36	9
35	73	130	140	97	56	20	-12	-50	-87	-103	-85	-57	-34	-25	-40	-61	-72	-39	24
29	3	24	66	80	58	34	3	-37	-51	15	65	108	107	54	17	-4	-24	-44	-17
37	49	-6	-85	-118	-84	-18	19	7	-55	-106	-97	-57	-26	2	26	49	21	49	-12
-46	-74	-68	-45	-25	2	55	87	63	28	6	-4	-19	-49	-42	-55	-82	-80	-17	40
32	5	2	-39	-105	-112	-90	-92	-98	-73	-38	-11	-13	3	31	12	-54	-99	-93	-59
-27	-4	16	32	23	-18	-27	-4	14	10	-4	10	62	85	64	56	99	119	89	30
-17	-21	23	58	61	44	53	65	31	-48	-126	-163	-150	-97	-42	-10	2	17	33	45
48	59	82	85	61	40	42	50	53	72	100	116	96	58	45	47	38	23	8	0
-2	4	12	18	11	2	15	21	4	-31	-64	-87	-84	-73	-59	-41	-30	-37	-36	-15
8	0	-47	-81	-80	-51	-33	-39	-33	1	43	80	94	74	39	7	-15	-34	-56	-79
-90	-68	-28	7	12	-16	-54	-81	-81	-47	-49	-100	-123	-103	-79	-64	-58	-57	-45	-40
-36	-28	-62	-120	-147	-131	-84	-33	9	31	31	16	7	2	-22	-57	-57	-39	-14	12
45	79	86	74	84	84	58	31	33	56	65	63	60	66	83	91	89	79	70	61
54	61	76	70	49	31	39	43	32	38	48	34	2	-28	-55	-59	-54	-55	-65	-84
-111	-112	-83	-47	-14	10	27	19	0	-11	-3	29	63	86	98	113	129	126	113	113
121	112	88	79	105	150	182	188	152	99	50	7	-27	-45	-44	-37	-45	-60	-52	-32
-16	-16	-30	-39	-24	16	54	72	80	75	42	-5	-41	-34	-13	16	42	32	14	19
22	23	14	-7	-15	33	45	18	4	1	-4	-3	-4	-17	-27	-22	2	39	67	74
59	37	39	62	49	16	-13	-35	-49	-54	-55	-63	-68	-52	-39	-68	-76	-76	-86	-87
-58	-54	-89	-104	-72	-54	-56	-35	-33	-80	-108	-91	-65	-64	-46	-41	-35	-18	-2	-19
-40	-41	-32	-19	-21	-44	-30	3	16	-4	-23	-48	-73	-93	-103	-91	-66	-63	-72	-52
-40	-62	-70	-66	-73	-95	-127	-159	-174	-169	-162	-160	-137	-99	-54	-31	-23	-64	-74	-96
-84	-42	-4	1	-3	7	21	20	19	-14	-64	-95	-78	-23	28	55	39	38	63	96
-103	71	53	63	90	121	126	112	102	93	83	76	93	116	140	159	155	117	68	30
44	74	93	103	106	75	39	38	33	20	12	23	38	49	43	47	33	27	53	86

77	48	41	51	77	77	56	42	57	44	23	22	33	14	11	19	26	29	36	53
72	85	89	69	41	77	21	18	42	51	34	16	21	34	21	-5	-19	-12	-17	-52
-70	-45	12	25	-13	-22	-22	28	45	27	28	67	74	45	15	-7	-23	-32	-44	-34
-11	-4	-19	-53	-54	-27	-31	-47	-36	-23	-15	-11	-18	-54	-92	-122	-108	-54	-26	-73
-132	-178	-190	-149	-85	-33	-13	-51	-82	-77	-57	-69	-63	-30	5	30	34	3	-31	-35
-15	-31	-72	-102	-121	-132	-123	-69	20	68	20	3	55	56	7	-18	-4	21	30	25
9	11	16	15	-21	-67	-98	-75	-13	32	66	81	78	40	7	6	-32	-39	-2	-4
-22	-36	1	52	61	6	-21	23	45	70	109	131	126	94	65	47	41	40	54	64
51	34	18	3	-11	-18	-3	34	59	51	22	-4	-14	-21	-26	-19	-32	-55	-52	-26
-2	14	8	-24	-10	24	39	22	-5	-1	12	-18	-44	-51	-37	-30	-33	-41	-35	-29
-19	-24	-44	-50	-11	27	36	6	-11	-6	31	66	57	29	16	15	-5	-25	-11	-16
-43	-50	-50	-51	-45	-11	-17	-47	-15	25	16	17	36	25	19	33	7	-31	-20	17
39	17	-30	-31	9	40	67	87	76	36	-11	-29	-12	-2	-13	-18	-17	-41	-32	-14
-6	-19	-4	23	7	-31	-42	-12	23	36	33	16	3	5	24	35	19	-11	-8	10
30	43	29	1	-12	-28	-36	-23	-6	2	18	27	2	-22	-35	-42	-31	-21	-15	-9
0	13	16	-6	-19	-7	17	24	7	-13	7	29	48	45	46	72	65	29	8	32
48	31	19	18	26	27	11	28	44	45	19	13	40	67	83	71	49	41	44	62
58	35	31	46	60	71	82	114	123	90	51	28	6	-8	-11	23	57	42	20	24
31	22	-1	-21	-35	-41	-49	-61	-69	-70	-95	-105	-83	-57	-38	-40	-63	-82	-67	-42
-37	-56	-70	-79	-79	-73	-62	-71	-99	-114	-112	-111	-110	-106	-98	-88	-73	-47	-26	-35
-57	-77	-82	-84	-89	-83	-68	-59	-62	-57	-48	-43	-44	-45	-55	-59	-59	-41	-23	-22
-27	-29	-31	-40	-47	-48	-53	-48	-27	9	42	70	95	108	108	85	54	25	9	22
37	36	32	39	54	59	44	32	29	27	19	9	14	13	-2	-3	2	2	10	19
13	16	24	32	23	5	-8	9	27	13	-17	-33	-35	-17	10	36	39	20	4	-9
-19	-27	-34	-37	-33	-16	4	17	10	23	43	44	24	25	46	63	72	61	40	26
29	41	49	58	71	84	79	47	27	18	15	24	41	61	73	74	68	74	74	49
42	30	-1	-14	21	60	58	18	20	61	79	57	24	4	3	7	-16	-33	-38	-12
24	40	33	9	-15	-34	31	-12	0	3	-14	-30	-15	11	5	-19	-30	-22	-5	-5
-19	-10	-1	3	-16	-36	-38	-20	3	15	-7	-28	-43	-45	-33	-26	-37	-43	-32	-18
-6	3	-5	-25	-49	-57	-44	-25	-18	-15	-4	10	15	-7	-32	-49	-51	-55	-62	-65
-56	-45	-37	-29	-19	-37	-69	-73	-61	-34	-10	10	15	3	-12					

-167	-123	-75	-31	19	76	128	156	163	174	197	232	260	272	210	72	-104	-221	-211	-106
17	118	175	192	186	143	61	-14	-35	8	88	164	207	229	243	267	302	318	267	144
28	-73	-104	-18	157	258	225	80	-50	-97	-49	-3	-14	-74	-137	-159	-118	-35	57	132
159	167	182	144	69	20	12	-30	-100	-164	-195	-196	-190	-207	-236	-260	-262	-179	-43	81
93	5	-87	-170	-218	-224	-147	-51	28	25	-48	-115	-169	-216	-250	-237	-170	-104	-60	-36
-34	-51	-55	-83	-125	-132	-88	-23	32	28	-18	-99	-192	-266	-279	-177	-30	68	94	81
64	31	11	5	10	14	76	113	158	171	159	128	87	51	61	137	238	310	327	283
189	130	99	84	47	36	76	120	159	166	151	117	97	107	111	89	60	57	71	64
14	-42	-40	30	105	131	88	15	-35	-9	30	56	81	90	62	7	-69	-133	-144	-99
-50	-39	-71	-106	-127	-119	-92	-64	-41	-11	-6	-29	-75	-106	-119	-131	-143	-140	-109	-94
-98	-94	-84	-76	-58	-15	24	16	-59	-147	-211	-225	-170	-65	38	103	81	0	-80	-121
-123	-99	-93	-105	-112	-104	-90	-89	-138	-215	-272	-264	-221	-170	-113	-74	-68	-83	-110	-133
-124	-61	6	47	63	79	94	97	63	-14	-72	-49	23	99	170	227	242	277	219	67
55	54	49	29	6	7	48	116	168	173	124	47	-40	-86	-41	96	237	277	219	153
123	118	71	2	-27	17	69	99	70	-6	-73	-98	-44	40	88	75	49	44	63	72
29	-52	-102	-86	-62	-58	-60	-50	-49	-68	-90	-102	-112	-139	-175	-217	-262	-260	-201	-110
-2	81	115	107	66	16	-29	-36	-4	39	23	-31	-74	-60	32	140	201	155	57	-12
-31	-1	55	80	47	15	37	101	170	229	251	205	116	36	-21	-74	-122	-152	-147	-119
-96	-101	-106	-74	-23	5	-3	-16	-14	-7	1	-5	-28	-46	-24	37	91	109	83	34
-24	-99	-187	-229	-206	-127	-36	46	126	189	216	167	90	32	8	14	31	59	105	162
207	221	201	169	145	108	51	-12	-48	-36	5	30	1	-70	-113	-116	-70	-31	-16	7
57	101	131	134	122	92	50	14	-16	-58	-108	-140	-140	-117	-82	-50	-39	-27	-10	15
33	22	-12	-20	-19	-16	-11	-3	20	80	136	156	137	119	110	92	44	-8	-22	5
59	109	134	123	106	112	123	96	46	12	10	22	-1	-47	-65	-42	-12	-9	-39	-80
-99	-92	-68	-56	-77	-119	-150	-143	-111	-80	-63	-67	-90	-88	-78	-69	-60	-50	-46	-54
-71	-91	-113	-133	-128	-100	-74	-60	-62	-61	-61	-67	-91	-118	-129	-108	-82	-65	-57	-50
-31	10	39	38	43	66	77	69	34	-15	-59	-62	-24	14	49	63	31	-13	-21	4
-10	-61	-92	-96	-108	-143	-167	-138	-74	-10	26	22	8	5	-8	-47	-87	-68	19	112
136	84	16	-1	39	90	102	71	56	70	85	58	12	2	43	93	95	51	20	8
-10	-53	-62	-2	60	60	-10	-73	-87	-63	-46	-27	-2	20	8	-11	11	61	82	66
36	27	33	38	27	15	6	3	9	34	68	99	112	116	135	149	137	92	47	29
35	38	6	-44	-82	-83	-59	-31	-18	-24	-40	-66	-85	-72	-33	9	36	33	10	8
48	85	82	37	-10	-34	-5	37	74	91	79	54	38	42	81	123	141	118	79	43
12	-2	-11	-19	-22	-27	-57	-94	-97	-50	10	52	41	16	-1	-6	5	26	45	26
-26	-71	-83	-61	-44	-39	-58	-85	-105	-112	-86	-41	3	16	12	23	45	40	15	-4
-17	-20	-24	-34	-42	-41	-24	-1	16	20	27	54	88	123	136	116	85	64	59	52
29	10	28	70	105	106	86	72	55	19	-22	-25	3	29	16	-27	-51	-52	-43	-29
-39	-68	-99	-119	-134	-137	-118	-84	-53	-41	-54	-67	-71	-63	-48	-44	-61	-88	-117	-124
-100	-74	-85	-103	-84	-39	-13	-28	-69	-105	-119	-112	-107	-109	-100	-87	-81	-70	-63	-59
-59	-54	-37	-10	16	30	28	41	65	80	73	52	43	60	78	85	84	81	86	98
97	81	66	58	57	49	44	50	39	23	11	-6	-35	-58	-69	-74	-63	-32	-1	24
46	60	52	30	4	-20	-36	-25	6	27	40	49	52	52	55	58	50	30	17	20
40	55	58	56	39	13	2	9	32	55	64	62	62	58	45	34	21	12	10	9
7	7	7	-1	-6	-6	-6	-19	-30	-28	-25	-19	-13	-6	-4	3	14	11	10	28
47	46	45	29	7	-24	-44	-50	-44	-35	-23	-17	2	27	31	6	-29	-26	-27	-21
-22	11	11	-6	-18	-27	-33	-43	-40	-34	-39	-28	-14	-4	-10	-22	-29	-11	6	19
28	36	44	53	63	72	75	77	-40	-93	91	77	68	77	93	80	58	45	66	84
57	10	-21	-37	-50	-57	-53	-37	-17	-3	9	6	-26	-64	-86	-76	-55	-44	-63	-91
-109	-112	-103	-85	-67	-45	-29	-23	-21	-26	-34	-48	-60	-62	-46	-18	-3	-2	-2	4
-18	-40	-54	-66	-68	-46	-20	0	1	7	19	40	52	58	49	36	39	59	71	70

56	37	17	-3	-21	-30	-35	-29	-12	2	11	19	13	-7	-28	-47	-59	-61	-70	-84
-77	-55	-33	-20	-31	-49	-41	-23	-27	-42	-58	-73	-81	-82	-83	-78	-80	-101	-117	-109
-76	-16	40	70	74	43	4	-39	-75	-59	-21	13	39	36	3	-42	-59	-39	2	13
-16	-26	6	60	92	85	47	13	14	60	120	171	175	136	101	92	122	165	204	202
139	68	24	71	136	155	135	100	47	-43	-105	-94	-16	69	134	162	128	22	-93	-121
-75	-14	28	42	63	81	87	73	52	20	-34	-76	-89	-38	25	62	29	-34	-86	-122
-114	-72	-48	-32	10	70	83	36	-45	-93	-90	-47	-12	-14	-58	-79	-101	-125	-143	-131
-92	-34	4	-3	-6	14	14	30	-64	-62	-47	-29	-6	19	10	-22	-40	-19	7	22
10	15	42	62	44	-3	-48	-77	-61	-37	-25	-32	-48	-34	-16	-32	-59	-33	-3	11
12	16	38	59	77	61	41	32	31	31	27	19	12	2	-9	-4	30	59	60	27
-5	-18	-7	21	47	64	62	37	3	-18	-14	6	26	34	8	-14	3	32	48	40
13	-3	-6	0	20	43	66	73	43	4	-5	30	63	77	54	5	-35	-49	-40	-21
-6	10	24	6	-38	-66	-70	-40	-2	9	-24	-50	-38	0	13	-18	-36	-36	-19	-15
-36	-52	-65	-76	-72	-47	-38	-48	-67	-79	-57	-38	-21	-7	10	35	33	9	-3	-5
32	58	73	68	53	32	9	-14	-34	-42	-42	-45	-46	-42	-25	-6	-7	-27	-43	-28
5	28	40	49	50	37	4	13	44	51	36	12	-7	7	25	39	60	81	80	53
24	18	33	43	49	60	80	89	75	57	41	39	47	52	48	40	33	28	23	17
9	0	3	14	15	-7	-33	-47	-60	-59	-36	-23	-22	-45	-67	-81	-91	-79	-50	-22
-19	-48	-82	-90	-74	-62	-50	-47	-45	-46	-50	-54	-57	-61	-61	-62	-62	-65	-70	-70
-55	-41	-45	-53	-59	-60	-59	-56	-42	-26	-20	-19	-14	-16	-29	-37	-34	-38	-40	-43
-49	-52	-48	-40	-28	-17	-14	-15	-3	14	24	30	16	2	-7	-1	14	25	27	21
27	47	57	59	53	44	44	49	57	68	84	99	101	85	67	54	51	49	49	34
18	20	30	48	79	105	116	109	98	92	101	114	119	113	92	61	44	42	50	52
54	56	60	59	55	43	27	13	7	14	19	2	-16	-21	-2	1	-23	-31	-25	2
21	20	0	-24	-38	-40	-40	-39	-38	-44	-68	-88	-92	-86	-80	-73	-72	-76	-64	-46
-28	-23	-21	-22	-27	-38	-52	-59	-68	-67	-54	-52	-56	-58	-67	-84	-91	-82	-65	-35
-24	-45	-57	-28	1	-9	-37	-35	-18	-13	-32	-33	-6	25	21	-2	-8	23	48	39
13	-1	10	31	39	23	16	29	57	75	85	73	60	70	85	86	73	44	32	43
65	83	75	47	29	16	9	3	6	13	20	24	21	16	4	-11	-23	-32	-41	-52
-61	-58	-45	-33	-17	-8	-1	0	-1	-4	-10	-14	-9	0	-3	-18	-26	-14	7	7
-10	-21	-16	8	25	24	9	-15	-41	-63	-77	-65	-44	-41	-38					

111131 71.121.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 455 450 NORTH ROXBURY DRIVE, FIRST FLOOR, BEVERLY HILLS, CAL. COMP DOWN 34 04 07N, 118 24 22W
INSTR PERIOD = 0.0410 SEC DAMPING = 0.580 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -37.2 CM/SEC/SEC AT 11.58 SEC VELO = -4.5 CM/SEC AT 22.16 SEC DISP = 2.3 CM AT 21.70 SEC

2415 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.06194 CM/SEC INITIAL DISP = 0.17759 CM

-32	-50	-58	-37	9	0	-30	-28	-27	-69	-68	4	66	66	67	11	-32	12	74	-1
-50	4	28	-10	-29	2	50	75	70	-27	-60	16	51	31	17	96	46	-95	-97	-129
-102	27	87	5	55	111	-3	71	62	10	85	84	-43	-175	-140	-74	-24	132	43	31
200	10	-40	-25	-27	-25	-77	-84	-140	24	43	163	12	-200	23	14	-45	116	84	-43
-77	9	-102	-30	158	-8	5	20	-12	-86	-97	-94	-14	-25	-56	-86	-133	33	153	-3
-70	-46	31	28	-49	54	184	85	-53	-91	-44	21	179	193	-32	-26	-137	-85	-7	26
94	-60	-138	-77	-77	107	72	25	14	-40	-34	16	80	45	-5	-20	-47	-35	19	100
110	169	-26	-105	9	-22	-9	-57	115	19	43	-66	-142	41	44	-103	-77	74	89	22
16	38	98	116	24	12	-33	67	196	137	99	-34	-89	-152	-45	53	58	40	97	6
-86	-61	3	10	-1	2	-7	-43	39	-28	-20	143	49	35	21	40	43	56	-51	168
59	-59	30	0	-171	-102	1	0	85	33	-26	148	109	-116	-230	-184	-239	-61	38	164
266	175	33	1	56	-37	-74	118	120	148	83	-50	-62	56	112	67	4	-86	-271	-171
-139	-28	61	60	-20	-95	-133	-164	-59	-13	-66	-17	-95	-46	42	90	77	71	17	-85
-46	-48	-68	-24	-87	-114	-123	-59	-29	-94	-17	-26	-73	-51	-115	-52	50	-71	-131	-70
-100	-6	129	196	223	90	16	-60	-90	17	87	78	-11	-72	-8	-4	97	76	15	-218
-135	-16	-34	93	89	119	123	-19	32	-60	1	194	-126	-209	-81	-111	-47	-155	-8	157
26	-68	-32	31	124	242	82	-29	-95	-86	-251	-256	-103	201	142	62	2	-130	-155	81
70	101	-9	-100	-242	-221	-60	93	97	117	267	124	-33	0	62	5	-130	-353	-341	-300
-138	-105	-28	111	150	245	355	309	55	-179	-189	-66	-34	38	2	108	266	278	220	11
11	23	-1	48	-37	-71	-80	120	217	226	174	114	49	54	53	-58	-112	41	34	41
155	127	53	-105	-119	-154	-123	-58	119	232	176	113	40	-46	95	-2	-123	-83	106	283
225	26	-32	51	-33	-105	-9	-195	-139	-172	19	-2	-83	-39	45	131	52	-123	-200	-152
-56	-213	-281	-244	-241	-252	46	238	234	205	19	19	4	0	5	-21	9	-19	-95	-43
-1	13	212	266	274	161	5	-143	-11	275	246	121	95	77	92	62	101	-23	-34	63
85	12	-24	-131	-202	-162	-60	-95	-139	-89	30	-125	-233	-68	-38	3	-39	-166	-105	16
87	-25	-226	-319	-232	-162	0	216	267	235	142	133	46	-105	-119	-19	65	60	71	123
209	323	244	19	-242	-282	-222	-169	-146	-102	-133	-116	-48	-134	-246	-247	-204	-226	-187	-204
-105	43	170	40	-87	-41	-34	45	178	130	165	200	107	46	-28	36	106	144	80	-106
-75	31	124	189	213	257	221	80	-37	3	10	63	159	46	69	70	-32	-222	-331	-372
-275	-209	-178	-152	-166	-128	-98	-106	-96	-45	104	102	65	21	-19	-51	3	-30	-12	13
55	94	50	83	67	90	53	-114	-234	-248	-96	15	115	249	236	163	137	119	45	-49
-26	-100	-178	-175	-186	-162	-102	-30	84	151	129	118	148	240	207	33	-114	-97	-34	-11
-14	38	168	221	144	-20	-139	-149	-33	74	33	41	160	165	164	126	67	70	88	146
145	88	67	2	-53	-59	-66	-99	-92	-61	-70	-92	-12	55	12	-57	-103	-95	-59	-101
-181	-184	-195	-269	-275	-178	-159	-136	-81	-54	-48	17	107	77	40	121	147	101	148	178
134	91	79	125	156	130	143	150	168	162	125	82	76	65	30	97	64	21	19	46
64	34	40	-34	-91	-97	-97	-84	-52	1	-23	-82	-158	-218	-274	-167	-60	15	-8	-22
-16	-19	-23	-35	-22	-27	-25	-28	-48	7	28	64	98	91	80	59	65	77	39	63
106	80	22	-21	-51	-54	-43	-26	-58	-66	-62	5	-7	-33	-43	-21	9	31	28	40
26	-11	-63	-67	-44	-58	-55	-39	-44	-26	-1	-18	-58	-50	-22	-30	-56	-43	-9	20

58	103	124	120	110	89	57	6	-18	8	-5	-20	-49	-94	-115	-125	-101	-94	-68	-64
-66	-53	-114	-126	-82	-77	-72	-41	-61	-69	-56	-34	-49	-70	-43	6	-6	-4	23	57
33	46	68	65	95	114	122	146	142	131	109	96	96	87	106	55	18	40	73	25
39	37	44	50	-16	-71	-70	-64	-74	-62	-59	-66	-76	-32	-17	-30	-39	-49	-60	-64
-55	-57	-79	-54	-37	-40	-39	-44	-51	17	74	89	85	66	56	26	30	27	19	16
5	21	27	56	92	108	102	71	27	-20	-58	-36	26	99	122	63	-3	-1	-16	-31
-38	-59	-89	-94	-87	-80	105	102	-12	-64	-88	-93	-82	-22	27	34	39	70	41	22
53	18	26	22	28	3	-11	-18	-42	-58	-52	-47	-68	-83	-92	-77	-57	-62	-75	-83
-57	-36	-33	-1	28	27	32	39	21	-28	-39	-34	-46	-6	31	44	58	65	69	76
103	84	45	39	37	36	30	20	27	28	27	38	66	48	36	55	59	64	66	69
68	61	46	47	48	100	169	175	130	109	116	116	87	30	-11	-16	-28	-34	-36	-40
-46	-30	-65	-114	-152	-103	-60	-63	-64	-60	-37	-13	-32	-54	-70	-48	-33	19	69	103
115	114	104	89	86	77	54	39	52	98	94	56	19	-14	-42	-59	-68	-80	-85	-54
-32	-19	-6	5	-11	-9	21	24	10	-15	-40	-51	-52	-30	-2	-20	-53	-66	-81	-96
-126	-136	-126	-109	-96	-96	-102	-102	-117	-161	-173	-149	-115	-88	-85	-76	-105	-114	-136	-161
-136	-82	-57	-57	-68	-56	-60	-33	0	4	6	7	7	1	-5	16	33	41	40	30
14	15	34	67	57	60	57	60	74	91	72	60	91	125	142	155	148	154	145	129
106	87	70	66	68	58	48	28	16	-8	-4	7	11	31	31	14	5	-16	-31	-49
-50	-23	-12	-3	23	17	1	-5	-1	20	20	15	21	22	31	43	37	16	0	-18
-28	-11	16	24	33	30	29	-4	-44	-77	-78	-71	-61	-79	-80	-85	-73	-52	-62	-73
-77	-85	-49	-27	-6	15	32	37	46	37	51	47	39	27	26	17	17	23	24	29
34	18	8	22	27	19	24	13	-4	-16	-14	-6	7	34	58	70	53	34	21	9
3	11	22	31	26	20	25	24	8	-4	10	21	21	-14	-51	-41	-2	31	40	38
36	31	29	42	54	71	70	68	49	39	46	24	-4	-14	-11	-24	-7	2	-4	-28
-45	-36	-31	-42	-36	-8	7	14	-9	-32	-43	-16	11	20	-1	-12	-8	11	34	35
17	-10	-17	-3	-7	-5	0	-2	-15	-34	-53	-67	-85	-84	-81	-87	-80	-75	-54	-43
-52	-57	-66	-71	-55	-27	-8	-22	-15	3	11	18	18	5	-8	3	6	-7	-19	-23
-9	-2	1	7	16	11	-2	2	0	-7	2	17	18	9	22	34	35	52	60	56
29	14	27	36	41	40	23	17	25	36	32	29	42	34	22	25	3	-15	-6	8
14	5	5	-8	-39	-60	-63	-67	-81	-85	-73	-62	-71	-88	-84	-67	-63	-64	-70	-63
-40	-35	-29	-17	-2	11	24	26	22	18	10	7	6	9	5	3	-3	-14	-15	-29
-39	-50	-43	-24	-13	-11	-9	0	15	17	11	4	-6	-1	6	16	12	-5	-1	12
9	1	5	25	42	30	14	12	19	17	12	20	22	2	-14	-12	-4	11	5	-9
-14	-9	5	27	38	32	31	37	29	32	27	20	29	37	22	17	21	16	13	10
13	24	26	22	18	21	21	14	6	7	7	13	17	13	-1	-15	-31	-44	-38	-34
-23	-13	8	19	27	31	31	24	19	23	22	19	8	0	5	19	23	31	40	38
36	35	29	18	7	6	14	22	26	32	41	38	23	19	15	1	-12	9	31	23
30	43	39	34	28	19	28	28	20	10	-4	3	24	19	18	27	23	20	17	21
17	20	26	27	19	13	9	6	6	3	-3	-12	-15	-21	-33	-37	-35	-31	-32	-31
-33	-39	-31	-26	-25	-21	-17	-22	-10	-3	-5	-11	-4	7	3	-3	14	26	4	-16
-23	-25	-21	-22	-34	-24	-11	-9	-26	-35	-45	-37	-20	-25	-23	-1	7	13	11	11
11	-1	2	-29	-36	-26	-35	-47	-68	-36	-38	-61	-71	-82	-78	-60	-84	-91	-85	-66
-65	-70	-63	-87	-83	-69	-77	-60	-66	-55	-47	-47	-70	-63	-60	-41	-25	-29	-21	1
-14	-14	5	9	-9	-18	-9	3	-17	7	22	8	12	35	46	34	43	31	23	17
44	64	47	57	71	60	58	69	60	59	67	71	51	56	57	64	73	100	91	89
85	54	73	69	59	54	32	49	62	79	70	71	65	65	37	31	24	37	54	48
26	18	29	25	16	4	11	15	1	1	-7	-10	-8	-12	-18	-15	-10	3	-20	-41
-50	-30	-30	-26	-19	-5	1	-7	-33	-36	-29	-41	-32	-26	-8	-16	-23	-32	-42	-30
-34	-13	-17	-29	-39	-48	-66	-71	-80	-70	-60	-58	-69	-61	-71	-56	-49	-42	-43	-48
-36	-44	-31	-23	-25	-13	-9	-10	-6	-9	-6	8	3	4	25	33	9	13	42	39

25	35	25	32	30	37	21	29	41	19	18	16	18	16	19	24	15	31	10
28	27	23	21	47	27	4	-6	-6	-19	-20	1	26	14	-6	9	5	-2	4
-11	-37	-60	-37	-27	-9	9	20	43	18	-17	6	-2	24	-4	-4	11	-3	-20
-7	11	22	7	-22	-44	-21	0	26	1	-36	-36	-57	-30	5	-13	-10	-29	-25
43	62	62	37	11	-18	-36	-34	-30	54	63	35	19	19	39	30	13	6	19
-11	-10	-21	-33	-29	-25	-36	-53	-35	-15	-4	4	2	2	-53	-76	-60	-42	-26
58	21	23	40	50	-35	-63	53	78	-38	-20	-10	18	37	21	6	6	20	50
17	-10	-7	-17	-16	56	45	53	35	64	50	39	36	33	40	39	21	9	10
39	30	23	21	12	-32	-28	1	23	35	37	23	18	-1	-4	16	26	33	37
					24	35	32	22	13	19	29	27	6	11	6	11	24	27
19	8	0	-23	-16	-12	-25	-21	-25	-48	-47	-27	-31	-56	-21	-37	-31	-12	-20
-13	-9	-20	-39	-44	-54	-70	-61	-36	-44	-23	-18	-47	-69	-60	-54	-44	-39	-40
-18	-12	-16	-30	-31	-23	-17	-9	1	17	15	-6	-13	-25	-3	-3	-17	-20	-8
-1	-16	-15	0	14	23	26	22	32	34	14	9	16	25	23	15	6	-10	-12
-1	1	-2	-5	-6	-4	13	16	7	12	15	19	24	31	4	-4	3	11	0
-10	-16	-14	0	8	11	17	19	15	1	-15	-11	4	-5	-5	-2	-2	0	4
-12	-4	-7	-16	-17	-13	-7	-11	-14	-9	-5	0	6	13	11	0	-8	-9	-1
8	8	0	8	8	-5	-12	-12	-12	-12	-12	-7	-2	-5	1	9	0	-4	-2
0	3	5	5	3	3	6	9	7	7	11	15	13	12	29	27	21	17	20
6	0	6	18	34	47	39	28	21	14	9	4	1	5	9	9	6	-5	-16
-26	-29	-25	-21	-17	-13	-8	-4	1	3	4	5	9	13	19	22	21	17	20
18	16	17	19	13	7	1	3	4	4	7	11	13	14	14	3	-8	-6	0
2	2	4	4	2	6	14	-1	-3	-13	-25	-24	-23	-15	-7	-2	-6	-15	-9
-7	-12	-19	-23	-26	-23	-19	-16	-7	3	-1	-9	-3	-4	6	17	24	26	23
15	5	1	3	15	9	11	14	11	7	8	9	11	12	17	19	20	20	16
12	4	-1	-2	-4	-6	4	7	0	2	7	11	0	-7	-12	-7	-2	9	13
3	-4	-10	-14	-26	-22	-10	-13	-16	-21	-12	-2	-4	-15	-18	-12	-7	-13	-18
-17	-5	1	-3	-13	-17	-10	-17	-28	-28	-28	-19	-12	-16	-15	-16	-25	-25	-12
-4	-5	-14	-14	-12	-4	-11	-22	-19	-13	-11	-10	-9	-5	-2	-3	-5	-5	6
14	11	6	0	-2	-1	1	4	9	12	7	2	9	17	-2	1	-5	-4	-5
-6	-7	-3	-2	-11	-11	-7	-2	8	15	6	1	-4	-12	8				

111132 71.120.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 456 450 NORTH ROXBURY DRIVE, 5TH FLOOR, BEVERLY HILLS, CAL. COMP N50E 34 04 07N, 118 24 22W
INSTR PERIOD = 0.0400 SEC DAMPING = 0.562 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -210.9 CM/SEC/SEC AT 8.28 SEC VELO = 21.3 CM/SEC AT 11.82 SEC DISP = 10.7 CM AT 12.54 SEC

INITIAL VELO = 0.37339 CM/SEC INITIAL DISP = 0.39775 CM

2413 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

0	0	-6	-15	-22	-22	-13	0	1	-20	-17	-10	-7	-21	-19	0	7	0	-12	-29
-26	16	40	18	-13	-24	-13	0	11	15	-5	-26	-29	-4	30	24	-10	-14	-4	1
-22	-24	-32	-6	36	4	-6	-29	-53	1	58	56	21	7	-38	-32	3	57	69	44
-49	-98	-55	12	17	21	15	-8	36	15	-13	-13	53	70	75	56	-66	-103	-33	31
36	46	-6	-124	-95	-15	67	68	-1	-76	-58	25	65	72	-18	-62	-52	38	21	-30
-33	29	67	64	38	-17	-84	-135	-109	73	174	104	-32	-166	-178	-25	50	126	152	122
-47	-247	-253	-81	201	328	144	-192	-334	-220	-2	170	210	49	-38	-8	14	1	-15	11
39	34	-74	-120	-70	60	24	-59	-53	-161	-176	-129	111	265	233	45	-71	-57	1	154
251	202	11	-139	-207	-147	14	136	-32	-213	-216	-154	-80	-49	-14	-28	-25	-13	117	219
96	-82	-76	-24	57	191	239	141	-65	-176	-151	-49	22	87	35	-54	-151	-37	81	135
24	-89	-99	-17	78	95	42	-50	17	35	14	-39	-90	-90	63	179	110	-41	-65	26
39	53	126	167	90	-39	-66	-84	-63	30	50	17	15	17	-50	-119	-86	-16	54	161
153	73	49	48	9	38	92	26	-55	-96	-16	33	21	-55	-137	-170	-128	-21	12	26
14	-94	-130	-99	-2	102	189	152	23	-49	-40	-12	117	275	338	262	88	-100	-146	-5
159	221	116	-51	-194	-232	-140	36	77	-15	-95	-162	-143	-15	64	96	50	-42	-67	-59
-31	-65	55	195	158	-34	-91	57	237	385	402	202	-119	-242	-93	121	163	5	-219	-390
-446	-406	-101	233	200	-15	-241	-232	108	593	861	887	725	573	305	52	-118	-155	-86	-66
-359	-775	-1017	-952	-780	-745	-935	-685	57	841	1257	1008	379	-50	-146	393	1039	1163	647	77
-388	-891	-1027	-846	-780	-731	-624	-480	-694	-986	-773	-61	572	782	803	1251	1517	1593	1642	967
-182	-571	-348	-202	199	700	450	-627	-1269	-1109	-1019	-998	-999	-1134	-1362	-1305	-792	103	751	957
725	315	56	-87	-195	-201	-74	151	542	1058	1366	841	-306	-1552	-2109	-1760	-1210	-343	406	526
54	-629	-1014	-653	-100	486	889	888	685	758	1141	1035	599	265	602	894	1025	958	607	44
-630	-1204	-1235	-830	-431	-275	-78	8	-226	-693	-1081	-1034	-410	430	813	550	-8	-518	-793	-745
-375	61	308	410	548	438	-94	-841	-1151	-744	-111	350	744	957	778	370	15	-152	88	578
1043	1205	832	231	-231	-652	-927	-695	84	861	828	83	-431	-612	-518	-342	-171	-18	-51	58
68	-154	-153	-76	-194	-274	-87	388	784	856	738	509	29	-541	-800	-523	41	623	1000	1016
798	355	-118	-568	-776	-515	74	639	746	587	361	231	4	-319	-466	-187	6	10	-224	-687
-746	-226	-21	-220	-250	-308	-490	-523	-307	91	561	938	1148	953	460	146	234	479	655	863
993	874	603	194	-185	-375	-321	-269	-281	-81	265	311	71	-64	-52	92	233	256	329	446
638	748	615	280	13	-109	-46	176	431	554	338	-171	-738	-1072	-955	-650	-441	-444	-566	-672
-548	-310	-93	-4	-63	-153	-197	-124	-12	373	871	1149	1177	881	518	200	-100	-184	-98	-105
-435	-881	-1220	-1335	-1292	-1306	-1359	-1328	-1274	-1053	-586	33	451	532	270	-265	-401	181	780	1083
1063	976	844	621	291	-51	-427	-678	-563	-290	-108	11	-60	-553	-1272	-1519	-1273	-798	-306	11
21	-105	-253	-349	-317	-171	18	202	366	566	651	565	403	348	289	123	-25	-95	-191	-297
-331	-431	-691	-969	-879	-510	-377	-536	-560	-373	-240	-73	196	485	657	518	250	197	382	630
818	800	660	469	183	-104	-276	-260	-207	-157	-70	57	108	-64	-303	-363	-123	240	558	679
597	419	201	72	217	577	930	1139	980	550	148	-117	-253	-220	-95	138	310	236	-56	-355
-550	-638	-634	-469	-291	145	-176	-224	-288	-352	-302	-124	91	222	308	372	374	305	296	390
594	729	705	499	289	203	55	6	-59	-185	-312	-328	-235	-172	-193	-262	-356	-422	-464	-464
-395	-291	-204	-98	33	161	232	216	176	172	173	183	194	224	272	286	265	198	127	75

38	-2	-50	-64	-8	65	25	-101	-228	-337	-430	-391	-205	-18	54	24	-30	-34	-21	-1
70	183	277	361	422	410	344	261	196	196	243	282	235	133	14	-59	-98	-203	-282	-269
-237	-239	-220	-134	-21	40	39	40	40	49	63	74	84	186	332	393	407	395	331	229
111	58	56	14	-75	-164	-215	-228	-137	34	83	-38	-127	-130	-86	-74	-98	-48	51	112
109	35	-110	-230	-327	-346	-218	-67	-23	-102	-256	-385	-488	-545	-526	-420	-307	-237	-166	-77
12	59	34	-61	-129	-124	-61	71	238	381	347	130	-100	-214	-263	-222	-143	-100	-143	-274
-448	-538	-534	-456	-366	-312	-285	-255	-230	-230	-211	-95	70	242	334	341	279	210	163	208
284	333	297	205	38	-70	-29	73	145	85	-35	-151	-238	-299	-303	-167	22	171	197	170
173	220	274	310	298	270	283	335	366	347	296	282	272	177	36	-43	-70	-93	-97	-28
82	99	21	-59	-107	-108	-97	-64	22	115	163	173	135	62	39	48	50	50	18	-38
-72	-85	-88	-113	-87	7	10	-114	-246	-263	-204	-121	-12	157	276	285	203	62	-77	-157
-74	110	255	274	208	120	-10	-132	-138	-70	-15	-24	-92	-125	-110	-115	-104	-72	-79	-135
-172	-155	-106	-29	50	106	102	44	-8	-20	31	60	38	-9	-21	-43	-78	-77	-55	-36
-62	-108	-110	-92	-111	-154	-143	-90	-66	-72	-71	-56	-46	-17	48	120	153	120	48	16
32	59	92	110	124	146	160	116	27	-26	4	101	144	113	59	10	-34	-83	-30	75
133	108	47	-16	-46	-35	46	130	163	137	67	42	44	48	65	98	133	156	174	184
163	125	105	110	118	118	100	72	50	20	-19	-63	-98	-100	-59	-7	3	-55	-119	-131
-96	-73	-60	-27	-4	-17	-30	-32	-31	-65	-97	-99	-60	7	35	-22	-95	-173	-209	-178
-125	-112	-125	-119	-75	-43	-37	-23	-8	-4	6	9	5	12	53	97	90	47	0	-38
-79	-121	-155	-160	-122	-53	-2	2	-46	-121	-194	-234	-217	-126	-17	28	39	58	34	-54
-131	-143	-152	-153	-141	-102	-76	-97	-145	-157	-153	-125	-82	-61	-32	-11	-9	-2	31	85
128	141	156	186	198	185	154	126	90	56	56	90	123	123	97	35	-60	-136	-141	-62
35	93	88	15	-91	-134	-110	-39	9	8	5	37	36	-3	-19	7	49	66	70	68
61	44	57	108	167	204	195	129	66	56	45	21	28	67	73	42	-22	-89	-147	-196
-190	-89	3	-29	-113	-154	-136	-67	2	73	119	126	142	161	128	94	88	120	147	150
169	176	162	123	56	-29	-70	-88	-95	-104	-126	-149	-139	-129	-126	-129	-143	-153	-135	-82
-16	21	47	85	131	138	101	80	94	109	-126	-149	-139	-129	-126	-129	-143	-153	-135	-82
-25	30	25	-55	-191	-294	-267	-157	-64	-26	-43	-97	-136	-133	-98	66	-29	-84	-92	-68
67	4	-27	-12	58	123	166	184	134	19	-86	-131	-125	-71	-18	-21	89	175	209	151
-72	-31	8	26	-5	-72	-94	-64	-37	-21	14	50	51	13	-12	-10	-32	-68	-117	-108
-7	17	29	32	18	-7	-40	-42	-2	39	55	54	68	81	74	52	55	103	127	114
86	61	57	75	92	85	70	59	39	-31	-119	-195	-225	-189	-120	-46	-21	-22	-54	-88
-111	-94	-10	92	157	184	174	166	151	139	155	219	261	243	180	125	69	7	-29	-39
-37	-43	-62	-104	-143	-169	-198	-198	-161	-133	-115	-104	-85	-69	-54	-36	-4	25	50	71
86	92	63	-7	-37	-27	-7	1	-13	-34	-45	-42	-28	-32	-56	-67	-66	-65	-64	-55
-36	-18	-3	18	37	32	-24	-90	-115	-119	-93	-85	-118	-153	-164	-166	-167	-160	-148	-124
-108	-104	-99	-98	-120	-128	-98	-27	38	84	106	94	60	17	1	0	3	17	43	49
46	39	23	0	-18	-15	3	14	15	26	50	72	84	86	95	117	135	141	151	149
132	107	95	85	68	49	29	14	3	-23	-31	-19	-14	-35	-67	-78	-87	-90	-79	-62
-67	-93	-107	-98	-64	-23	10	34	29	-2	-33	-33	16	75	132	176	206	194	158	127
116	135	169	184	182	183	183	172	153	121	85	43	-1	-37	-54	-54	-47	-52	-74	-105
-124	-128	-132	-141	-124	-88	-42	11	65	93	95	86	54	46	44	93	167	211	197	124
39	-10	-40	-45	-41	-32	1	13	-29	-116	-151	-151	-116	-59	-11	10	10	12	27	52
69	84	101	121	141	148	113	69	49	22	5	-7	-15	-21	-65	-112	-142	-186	-218	-212
-176	-147	-139	-135	-136	-133	-113	-72	-39	-21	-26	-33	-11	9	17	22	32	27	7	-24
-49	-54	-43	-38	-38	-47	-52	-44	-52	-66	-65	-64	-66	-72	-68	-44	-22	-21	-36	-43
-43	-50	-59	-54	-57	-80	-117	-152	-167	-167	-170	-162	-147	-122	-99	-102	-122	-131	-132	-121
-88	-25	48	86	89	85	80	72	65	58	44	32	44	71	89	89	51	21	-6	-6
12	20	36	62	88	106	124	135	136	137	144	156	174	213	245	244	214	160	100	58
45	67	98	106	83	26	-34	-80	-112	-104	-70	-7	36	50	27	-5	-21	-10	42	114

167	177	154	129	106	88	82	99	114	105	73	32	-17	-56	-67	-66	-43	-22	-12	-6
-6	-6	-6	-2	13	33	56	85	109	127	129	105	87	75	59	34	8	-9	-35	-82
-123	-119	-84	-68	-114	-142	-119	-76	-51	-41	2	67	89	77	59	54	57	60	73	104
104	73	24	-39	-81	-95	-97	-102	-101	-87	-91	-115	-155	-197	-222	-187	-97	-12	25	-19
-87	-161	-198	-130	-21	73	103	47	-56	-142	-164	-142	-58	28	79	72	2	-85	-133	-139
-95	-40	13	16	-31	-110	-148	-102	-26	38	32	23	18	-14	-49	-54	7	77	100	106
79	35	1	-23	-41	-65	-69	-40	-10	17	35	17	-34	-93	-127	-94	-47	9	68	72
10	-38	-30	9	38	43	47	89	97	86	92	111	104	87	70	54	48	63	79	81
60	31	3	-33	-59	-53	-29	12	35	17	-26	-69	-84	-79	-51	-7	22	16	0	-9
-13	-11	1	15	28	41	50	34	2	-13	-11	-16	-20	-15	-10	-16	-36	-50	-60	-61
-53	-54	-64	-54	-20	5	7	-6	-8	15	52	83	98	90	64	44	27	34	52	53
34	-15	-63	-97	-99	-81	-68	-72	-69	-54	-50	-53	-35	1	32	59	66	65	75	114
151	133	84	65	77	90	100	99	78	11	-58	-101	-110	-95	-64	-37	-29	-57	-94	-115
-103	-68	-20	31	54	36	12	19	38	61	88	116	105	76	52	32	9	-8	-3	4
12	16	-3	-44	-87	-104	-88	-61	-26	1	5	-14	-37	-65	-70	-35	-1	31	43	41
28	-1	-18	-17	-4	23	45	47	14	-11	-20	-6	24	50	72	72	48	17	-5	13
39	60	72	70	54	28	1	3	25	31	20	15	17	27	38	40	33	32	48	78
91	87	87	89	98	109	120	138	143	122	84	49	21	10	16	31	47	39	7	-25
-57	-77	-78	-59	-42	-37	-43	-63	-87	-101	-104	-88	-61	-39	-32	-57	-94	-99	-73	-44
-19	-17	-34	-54	-70	-67	-49	-45	-61	-77	-96	-112	-119	-112	-99	-87	-74	-61	-58	-62
-64	-64	-56	-37	-17	1	12	18	14	3	-12	-22	-28	-35	-42	-48	-53	-51	-57	-68
-73	-75	-77	-76	-75	-70	-59	-44	-23	13	58	90	107	120	120	105	95	88	91	113
145	150	124	85	47	11	-14	-31	-36	-30	-32	-42	-73	-90	-92	-85	-70	-47	-17	12
15	16	18	31	37	42	50	72	80	65	26	-23	-42	-42	-28	-10	-7	-29	-62	-102
-138	-137	-105	-69	-41	-22	-18	-19	-14	0	19	42	59	75	97	117	109	89	72	58
60	66	77	83	85	65	32	-12	-38	-37	-29	-12	14	41	42	16	3	11	20	35
60	78	69	50	61	79	70	56	60	62	53	33	5	-18	-30	-34	-36	-37	-36	-23
-2	9	-5	-30	-38	-42	-39	-6	32	43	22	-1	-6	3	10	8	8	12	15	0
-19	-17	-22	-27	-34	-37	-25	-6	12	18	0	-25	-41	-33	-11	5	19	18	3	-14
-20	-7	1	-7	-19	-18	-15	-13	-14	-13	-2	8	5	-9	-32	-44	-40	-27	-19	-27
-39	-51	-63	-66	-60	-53	-57	-62	-57	-36	-6	16	24							

-71	-125	-215	-466	-785	-972	-974	-862	-720	-633	-547	-367	-157	-24	55	98	175	269	368	358
264	226	269	413	638	860	948	915	851	703	514	289	88	-28	-100	-51	70	238	344	414
414	366	271	81	-184	-496	-775	-794	-611	-254	79	158	90	-65	-195	-206	-204	-248	-390	-501
-513	-389	-36	328	542	637	647	609	533	351	60	-123	-173	-180	-144	-71	12	78	111	87
51	10	-20	-56	-117	-272	-477	-629	-691	-662	-501	-266	-96	-39	-65	-183	-316	-409	-493	-501
-474	-407	-262	-51	146	262	277	242	192	125	69	81	140	166	138	115	121	129	122	124
151	177	137	31	-85	-145	-200	-283	-342	-340	-288	-178	-46	63	109	128	143	100	21	2
80	251	400	417	366	302	255	230	207	184	216	319	398	398	367	297	247	218	202	187
128	33	-60	-97	-72	-50	-37	-31	-22	-6	-18	-80	-192	-282	-308	-283	-270	-256	-239	-213
-170	-117	-76	-45	-13	31	28	23	34	41	43	68	114	133	182	188	106	-7	-88	-129
-137	-133	-118	-93	-74	-94	-108	-125	-139	-113	-86	-119	-208	-344	-465	-522	-456	-213	37	146
150	52	-89	-155	-160	-136	-90	-143	-211	-184	-36	162	224	202	85	-71	-125	-119	-90	-94
-102	-101	-64	-56	-73	-78	-45	7	48	30	4	-14	-40	-80	-86	-51	19	124	210	275
327	337	266	158	66	7	-8	13	57	163	286	410	459	426	350	200	48	-122	-201	-119
28	158	181	180	198	186	91	-40	-172	-227	-179	-110	-50	-11	0	1	36	97	129	95
2	-78	-78	-58	-43	-69	-132	-144	-62	77	166	188	146	92	36	-9	-46	-81	-137	-209
-214	-196	-175	-109	29	133	100	22	-86	-214	-334	-364	-312	-273	-206	-122	-16	107	226	314
408	398	275	121	-40	-99	-13	100	172	197	239	321	404	451	390	218	26	-126	-206	-262
-297	-307	-281	-177	6	153	146	40	-111	-250	-350	-417	-476	-497	-455	-347	-209	-87	-6	26
65	115	122	78	-51	-233	-326	-279	-151	53	283	442	519	569	581	514	299	42	-143	-217
-228	-177	-48	139	315	464	536	455	254	53	-169	-324	-407	-385	-251	-70	43	111	122	96
48	-30	-128	-220	-277	-289	-253	-191	-95	16	86	114	89	16	-33	-69	-102	-108	-66	15
93	160	189	198	203	169	64	-75	-162	-173	-151	-123	-69	44	175	259	256	175	79	-6
-69	-139	-186	-149	-20	133	274	353	352	323	266	131	-13	-105	-120	-84	-34	-8	40	111
161	192	153	43	-79	-172	-220	-292	-358	-365	-323	-258	-176	-94	-60	-83	-122	-163	-197	-219
-217	-204	-190	-156	-98	-40	-3	11	33	66	81	52	-33	-44	-39	2	14	-22	-51	-40
2	68	101	85	61	61	68	66	62	58	45	16	-33	-86	-108	-71	-19	22	58	77
58	21	3	13	9	-33	-97	-157	-171	-135	-88	-5	88	134	95	30	-28	-87	-126	-168
-196	-180	-101	22	135	170	154	138	155	170	149	61	-16	-25	25	103	177	235	262	249
192	148	115	81	16	-71	-123	-62	61	91	23	-40	-70	-77	-97	-135	-181	-208	-223	-208
-165	-104	-39	-5	-23	-43	-48	-38	-39	-41	-25	27	95	168	237	306	333	327	315	313
310	267	175	87	60	97	140	152	122	94	71	53	25	-24	-109	-218	-314	-333	-288	-241
-211	-210	-236	-234	-166	-90	-48	-86	-168	-232	-215	-124	18	151	245	287	300	300	323	348
369	351	284	218	180	173	176	184	202	204	170	107	44	-13	-57	-85	-107	-133	-169	-210
-245	-252	-248	-250	-271	-325	-362	-332	-279	-237	-218	-234	-238	-192	-122	-36	35	74	86	109
152	193	204	173	134	125	151	188	217	208	194	196	211	217	208	164	109	79	51	21
-20	-68	-94	-92	-82	-89	-95	-86	-44	-2	2	-16	-42	-99	-158	-180	-146	-83	-33	-5
16	56	86	75	46	-19	-84	-116	-115	-109	-89	-37	24	48	37	0	-52	-107	-159	-205
-239	-268	-273	-251	-201	-130	-72	-45	-62	-73	-71	-80	-123	-176	-215	-209	-171	-124	-72	-24
20	45	49	31	-20	-85	-104	-73	-21	26	60	85	116	150	182	181	157	131	104	79
72	94	111	123	139	152	136	100	68	47	41	50	23	-15	-38	-46	-43	-57	-89	-116
-114	-105	-97	-87	-71	-62	-83	-118	-149	-162	-155	-134	-91	-27	32	77	107	143	176	202
184	131	83	64	85	132	176	198	210	200	170	140	118	101	83	62	35	11	-8	-11
-8	-12	-19	-19	-19	-23	-29	-38	-69	-87	-90	-105	-124	-123	-112	-91	-73	-51	-25	-9
-2	-1	0	33	71	87	88	87	87	87	-90	-105	-124	-123	-112	121	121	130	114	77
25	-39	-104	-115	-100	-74	-55	-66	-79	-86	-96	-113	-137	-162	-174	-161	-142	-112	-79	-51
-30	-1	32	40	39	46	56	71	85	103	128	166	200	217	224	222	214	206	192	162
138	135	150	153	133	98	52	18	-14	-47	-73	-78	-79	-80	-88	-108	-143	-194	-257	-291
-281	-264	-271	-277	-265	-224	-167	-119	-90	-69	-44	-18	-2	-4	-1	4	10	41	107	159
182	176	166	165	157	131	95	50	11	10	30	51	75	90	96	87	56	11	-46	-96

-119	-107	-70	-42	-30	-34	-38	-35	-33	-38	-40	-40	-35	-19	3	28	44	32	6	-16
-16	-28	-51	-65	-60	-29	12	37	26	-1	-20	-32	-51	-81	-102	-111	-116	-119	-117	-114
-115	-127	-134	-117	-71	-26	-21	-31	-50	-79	-124	-170	-174	-103	-1	100	184	200	150	100
100	119	112	78	20	-5	26	100	161	169	101	12	-20	7	43	54	42	38	52	93
154	208	216	168	75	42	74	127	177	192	167	119	56	-14	-74	-79	-5	99	169	152
57	-73	-159	-208	-138	-70	-61	-65	-27	35	91	77	-17	-113	-167	-207	-218	-165	-42	54
84	75	42	-2	-30	-30	-12	12	40	79	87	28	-155	-107	-91	-40	-17	-25	-47	-66
-82	-99	-120	-119	-96	-51	-30	-33	-31	-42	-69	-111	-155	-172	-152	-97	-27	16	34	43
53	73	79	59	26	14	35	69	88	75	38	21	24	39	26	-5	-16	-8	-11	-36
-59	-70	-74	-77	-77	-54	-21	1	0	-31	-64	-72	-68	-57	-41	-25	-16	-5	19	51
81	108	107	66	24	11	45	87	117	134	133	110	78	41	11	17	25	15	-9	-43
-52	-30	-12	-14	-55	-103	-116	-95	-62	-25	8	4	-23	-37	-13	37	80	107	95	54
20	18	37	59	80	93	95	85	56	18	-5	1	0	-17	-49	-68	-56	-27	-22	-55
-102	-125	-123	-122	-125	-124	-127	-133	-111	-58	-22	-6	-9	-26	-31	-24	-14	-3	12	37
54	57	55	57	63	78	100	118	127	106	62	24	32	52	65	60	58	63	73	80
61	3	-58	-88	-82	-82	-94	-96	-73	-61	-49	-41	-25	-16	-17	-28	-14	20	61	94
117	134	142	148	150	150	144	130	116	115	143	178	197	178	145	115	109	109	101	78
54	39	29	11	-19	-47	-59	-52	-51	-57	-75	-100	-130	-158	-162	-156	-147	-141	-136	-133
-123	-102	-82	-63	-57	-70	-92	-91	-69	-47	-35	-16	7	23	35	-38	16	-5	-22	-37
-50	-60	-48	-27	-9	0	2	-9	-43	-82	-98	-111	-116	-118	-111	-101	-89	-77	-66	-61
-61	-74	-93	-107	-110	-91	-63	-26	4	27	38	37	39	44	48	42	28	7	1	14
45	73	92	93	93	95	91	73	49	24	13	19	39	58	78	93	105	98	77	48
20	1	-5	-6	-5	12	53	92	126	142	140	112	76	43	25	30	44	59	76	94
107	118	126	126	111	101	92	82	71	63	53	44	34	24	11	-9	-34	-54	-63	-67
-88	-117	-137	-134	-115	-91	-78	-85	-100	-111	-112	-101	-86	-74	-73	-71	-53	-30	-15	-10
-19	-27	-23	-14	-17	-25	-30	-30	-25	-26	-49	-74	-77	-68	-52	-44	-46	-52	-60	-72
-79	-72	-58	-48	-50	-71	-78	-61	-47	-62	-78	-82	-72	-62	-53	-36	4	44	65	51
35	40	59	58	37	21	40	74	100	107	108	128	148	159	131	94	78	69	75	69
52	40	36	44	58	72	71	44	-3	-35	-51	-46	-43	-38	-27	-3	16	23	13	-6
-25	-43	-59	-81	-96	-86	-62	-40	-20	0	11	9	-4	-26	-37	-46	-52	-46	-31	-12
12	41	65	77	65	41	29	28	30	31	20	0	-11	-18	-14					

I11132 71.120.0
 STATION NO. 456
 INSTR PERIOD = 0.0420 SEC DAMPING = 0.500
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 450 NORTH ROXBURY DRIVE, 5TH FLOOR, BEVERLY HILLS, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 04 07N, 118 24 22W

PEAK VALS ACCLN = 90.2 CM/SEC/SEC AT 7.76 SEC VELO = -5.3 CM/SEC AT 7.22 SEC DISP = 2.3 CM AT 21.66 SEC

INITIAL VELO = -1.11119 CM/SEC INITIAL DISP = 0.25518 CM

2414 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

182	-19	-204	-139	49	159	167	87	-96	-111	-45	-33	32	146	213	79	-97	-114	-15	106
159	37	-177	-119	127	70	-5	124	74	-15	-111	-102	104	200	75	-26	16	-13	-282	-299
-12	157	213	209	15	-173	31	138	86	131	-21	-33	27	-125	-361	-191	229	331	206	41
-155	107	32	-202	-22	107	-22	-181	-113	-32	67	259	184	-132	-145	-200	-173	350	278	-121
0	-60	-218	-118	250	137	100	-31	-211	-34	62	-171	-268	10	215	60	-272	-243	19	354
392	-165	-502	-129	295	256	44	10	67	-121	-290	-30	362	433	222	-201	-588	-250	137	264
171	-46	-216	-416	-325	154	452	333	-131	-434	-303	63	347	353	16	-417	-384	39	316	178
-27	39	21	31	-151	-159	115	80	-32	-48	136	-40	-151	-160	-73	183	146	-209	-185	169
234	-12	-44	39	58	48	11	11	42	333	436	-32	-430	-475	-53	225	273	190	-21	-152
-97	-81	-111	22	134	66	-31	-20	30	-46	-48	43	99	241	39	-134	-52	128	103	59
-53	129	102	-281	-171	4	-142	-4	283	130	-57	-58	122	274	-57	-614	-609	106	397	291
251	211	139	-207	-288	42	278	19	-108	297	373	39	-244	-293	38	418	352	-102	-464	-519
-413	192	561	273	-219	-427	-222	-50	-32	37	158	-29	-248	-55	183	274	127	-39	-96	-70
-128	-116	76	33	-156	-130	-122	-91	-6	92	15	-228	-105	27	-44	-68	-90	22	128	-181
-435	-128	255	471	435	132	-176	-376	-237	169	312	283	-29	-321	-270	65	374	253	19	-309
-494	-307	404	632	31	-151	33	182	41	-230	-19	103	-11	-37	-505	-370	113	122	34	-4
127	75	-162	-117	305	429	247	126	-243	-549	-443	-51	116	198	215	173	-239	-443	-202	-6
82	429	392	-13	-560	-708	-205	612	784	210	-271	-350	0	234	-208	-428	-348	-340	-376	-443
-223	54	78	86	257	644	707	449	198	72	-182	-358	-183	17	126	329	281	117	-167	-304
-207	-141	-108	-5	-247	-415	-20	700	902	461	11	44	157	111	4	-77	-110	-97	-178	178
478	427	149	-363	-876	-825	-243	367	502	264	-122	26	8	-3	189	-46	-70	-58	-77	281
589	593	122	-283	-279	85	37	-388	-118	-13	-246	-566	-368	263	363	184	-258	-414	-75	148
-96	-433	-403	-188	-96	-8	138	259	466	490	36	-97	-181	-193	-109	-34	127	124	-214	-499
-327	81	527	626	545	64	-279	-220	148	379	297	273	75	39	360	276	-141	-338	-31	215
193	17	-182	-220	-235	-318	-303	3	342	91	-276	-256	43	92	-90	-12	-139	-218	-26	142
57	-239	-412	-434	-283	24	431	682	659	414	52	-229	-344	-144	89	29	-153	-157	128	440
564	391	173	-59	-289	-322	-307	-173	38	85	-16	-213	-375	-297	-127	-130	-395	-557	-524	-208
331	356	-1	-5	108	-42	-74	158	241	364	437	147	-125	-347	-278	48	185	80	-67	-148
-191	-147	176	474	442	387	272	62	-151	-143	57	333	285	158	147	-90	-296	-384	-514	-480
-323	-173	-168	-249	-171	60	-6	-197	-264	-63	238	324	229	-19	-250	-179	-8	69	163	193
401	102	130	223	220	235	47	-354	-502	-330	-8	222	314	199	42	49	-6	-82	-128	-66
-43	-129	-177	-239	-201	104	292	294	275	266	202	217	222	117	68	-9	-160	-447	-549	-345
87	343	279	29	-180	-237	-55	187	239	-43	-82	187	441	517	324	-35	-76	-1	142	258
280	275	-6	-291	-285	-187	-29	51	-22	-179	-244	-119	88	150	14	-264	-339	-224	-84	-44
-110	-362	-473	-235	56	-43	-195	-45	106	137	104	-2	2	113	131	-31	-41	96	111	-21
-16	70	90	36	9	162	264	249	204	168	183	209	179	117	164	176	107	-47	-187	-166
-17	190	144	-178	-324	-281	-196	-67	67	93	-19	-194	-418	-451	-222	47	133	145	107	-37
-152	-105	28	90	49	2	-59	-78	18	69	83	103	40	55	91	65	-2	-21	94	99
7	6	25	-41	-64	-17	-12	-60	-79	-90	-28	23	43	58	9	5	65	63	23	-28
-44	-80	-97	-93	-70	-7	-11	-67	-55	-30	-38	-81	-69	-60	-57	-59	-57	-54	-1	67

98	90	153	257	257	257	84	-23	15	84	96	70	66	-52	-136	-135	-115	-82	-71	-90	-102
-95	-83	-82	-134	-225	-225	-185	-56	-32	-64	-91	-117	-123	-83	10	68	59	-7	-40	19	119
125	55	-6	113	222	222	263	278	220	127	34	20	55	146	170	51	-42	-29	5	69	133
116	11	-37	-83	-80	-34	-46	-99	-112	-9	-48	-113	-35	74	20	-78	-92	-80	-62	-76	-83
-108	-140	-103	-54	-34	-34	-23	-41	-68	19	167	221	177	57	-24	-1	100	106	69	44	31
34	38	24	9	38	38	105	98	19	-70	-119	-130	-68	62	178	183	45	-91	-170	-66	85
11	-50	-91	-137	-119	-47	34	144	105	-38	-129	-145	-92	16	22	-5	-5	5	43	76	26
-99	-88	1	19	47	47	37	-13	-93	-99	-29	35	-43	-35	-142	-142	-60	38	26	-65	-122
-69	11	37	-19	-41	-41	22	67	23	-46	-112	-100	-24	49	55	42	64	90	83	97	113
120	118	94	2	-41	-41	-24	-5	6	9	12	9	-3	-5	38	59	7	2	36	64	94
102	71	6	0	120	120	241	226	194	145	49	2	84	137	113	20	-46	-96	-98	-79	-28
-12	-85	-200	-201	-110	-110	-27	-20	-22	-67	-87	-54	-15	5	-44	-104	-83	24	133	171	184
134	72	53	91	123	123	92	34	9	44	91	119	52	-63	-117	-84	-64	-65	-62	-64	-74
-37	40	55	-6	-53	-53	-28	45	97	18	-106	-155	-112	-15	24	-7	-42	-89	-110	-103	-98
-115	-134	-133	-98	-45	-45	-43	-110	-155	-177	-150	-123	-123	-107	-85	-48	-64	-133	-192	-205	-139
-64	2	21	-17	-87	-87	-116	-48	26	45	51	24	-55	-96	-46	18	64	59	38	5	-5
13	40	79	73	56	56	26	4	26	76	108	98	80	70	107	193	236	195	156	129	113
62	24	64	120	110	110	67	22	-30	-51	-31	14	32	36	34	-15	-13	18	27	-7	-69
-96	-55	36	119	80	80	-21	-43	-18	31	73	80	35	-16	5	62	77	36	-4	-24	-34
-39	-39	-17	55	121	121	101	30	-28	-43	-71	-104	-80	-51	-74	-119	-153	-90	-17	-17	-60
-107	-107	-75	-42	43	43	83	45	19	20	48	101	121	115	64	-19	-43	-15	27	44	40
-3	-24	14	55	45	45	19	10	8	-5	-35	-50	-30	12	55	82	78	64	38	-8	-19
-5	13	26	16	10	10	18	20	10	-16	-24	14	70	63	-48	-113	-93	-12	65	71	33
14	26	41	36	47	47	76	81	46	10	8	-7	-25	-27	-34	-36	-13	8	-12	-25	-24
-41	-75	-96	-55	22	22	50	48	28	-21	-62	-61	11	65	31	-54	-88	-46	12	25	32
32	-6	-44	-60	-18	-18	31	51	21	-37	-88	-106	-66	-20	-30	-96	-128	-92	-35	1	3
-33	-89	-108	-61	-20	-20	-18	-29	-3	4	-37	-32	7	30	24	3	-21	-16	7	-4	-30
-19	30	49	19	8	8	36	50	11	-19	16	66	69	45	14	-16	9	90	122	76	23
11	24	10	22	52	52	46	34	28	25	31	48	67	65	33	24	18	8	11	-4	6
35	42	13	-27	-59	-59	-82	-82	-80	-78	-92	-92	-64	-42	-52	-88	-87	-57	-25	-17	-29
-43	-36	-21	4	34	34	44	20	9	20	14	2	-3	11	17	-7	-36	-44	-15	-36	-80
-96	-81	-35	-18	-28	-28	-37	-23	10	17	-7	-30	-18	3	10	7	21	44	64	60	20
0	3	24	55	64	64	39	-13	-43	-29	22	61	25	-33	-65	-58	-50	-18	13	6	-34
-73	-60	12	67	69	69	60	28	3	13	30	37	48	43	31	16	2	-1	22	44	31
11	1	4	24	39	39	29	32	21	12	12	32	60	54	34	1	-17	-54	-83	-65	-48
-24	-1	16	9	9	9	12	7	10	16	4	-12	-14	-4	8	14	15	28	50	62	70
61	26	5	-1	1	1	26	46	25	12	28	56	49	14	-7	-3	1	-14	-22	-3	56
82	42	15	28	34	34	34	34	36	38	18	-7	-15	-2	36	59	36	-1	5	29	30
28	36	42	38	34	34	23	8	8	16	21	19	11	-10	-27	-19	-14	-19	-22	-27	-40
-50	-31	-18	-22	-19	-19	-7	6	16	3	-22	-20	-4	0	-5	-1	0	-1	0	9	-3
-54	-82	-50	-17	-18	-18	-38	-41	-19	-10	-34	-84	-87	-53	-19	8	-8	-16	12	22	25
19	3	4	-20	-34	-34	-42	-20	-18	-61	-84	-71	-7	-37	-141	-171	-115	-54	-53	-111	-145
-86	-29	-44	-106	-120	-120	-115	-62	-24	-54	-64	-70	-51	-40	-66	-97	-60	-8	25	21	-40
-64	-25	-3	3	11	11	-27	-85	-79	-4	53	24	-8	5	23	59	92	64	4	9	39
64	80	104	82	29	29	24	47	44	46	59	65	57	41	17	11	55	109	120	105	91
59	62	88	97	107	107	70	37	44	80	109	124	104	58	29	28	38	50	71	67	51
38	16	6	39	46	46	11	-18	-10	21	24	-2	-18	-12	8	21	6	1	9	1	-30
-62	-58	-18	13	-2	-2	-10	-15	-31	-46	-48	-47	-27	-11	-3	10	23	14	-17	-26	-7
8	9	15	18	-18	-18	-63	-89	-79	-52	-44	-60	-84	-77	-71	-71	-69	-58	-39	-44	-58
-66	-61	-41	-26	-1	-1	17	3	-6	-10	0	19	32	36	17	-1	4	42	48	31	50

59	18	-10	16	38	33	6	2	16	22	4	-5	12	33	40	21	-1	24	43	42
41	26	23	20	21	33	25	-42	-84	-53	-6	20	22	15	-20	-49	-40	11	39	-2
-48	-32	7	-2	-18	16	69	86	39	3	-9	10	33	7	-13	-28	-60	-59	-18	-23
-74	-109	-109	-97	-57	17	73	61	6	-50	-70	-44	-4	16	29	21	-14	-33	-24	-7
13	22	-3	-41	-62	-56	18	72	82	62	6	-33	-24	30	81	77	26	-37	-42	11
80	111	92	33	-70	-118	-61	14	56	28	-24	-12	26	16	-45	-79	-87	-79	-33	7
18	-16	-53	-64	-65	-60	-46	-31	-31	-22	-5	18	43	44	13	-19	-9	16	38	48
45	45	30	8	26	49	84	105	65	43	38	29	29	39	48	37	16	-1	-16	-27
-31	-14	-7	-18	-36	-48	-37	10	66	82	33	-23	-34	-11	5	10	9	24	49	53
31	7	8	13	22	32	45	44	22	8	14	10	-3	-5	-1	8	23	12	15	27
17	-20	-50	-26	20	10	-32	-62	-50	-24	-21	-44	-60	-55	-47	-26	1	-6	-32	-23
-17	-14	-8	-8	-40	-58	-37	-32	-6	33	2	-65	-71	-48	-28	-39	-53	-66	-45	-5
2	-12	-34	-44	-36	-23	-6	15	35	36	10	-14	-32	-16	20	29	9	-18	-17	10
20	2	-11	4	35	43	32	16	5	4	3	-9	-1	22	22	-3	-36	-31	2	16
2	-3	-2	-1	5	15	18	13	10	7	24	41	23	0	-7	-6	-5	-3	1	12
1	-18	-11	9	26	40	35	13	-1	10	23	13	0	2	16	21	15	-6	-22	-22
-6	-13	-32	-24	-18	-15	-15	-14	-13	-16	-5	12	14	15	14	10	3	-4	-3	-2
-1	-2	0	5	4	-7	-22	-21	-2	5	-11	-30	-27	-3	8	-3	1	13	12	-1
6	9	7	-3	-5	8	17	4	-3	-2	4	13	24	31	32	24	19	15	10	6
2	-1	10	36	45	30	9	-7	-8	7	17	19	17	18	24	32	35	25	5	-11
-13	-4	9	20	20	8	1	9	18	22	23	19	4	0	16	27	36	31	16	15
28	40	30	10	0	1	13	12	10	6	11	25	31	21	-3	-21	-25	-14	-16	-8
5	-9	-23	-11	21	33	1	-26	-24	-15	-8	-18	-16	-5	-1	-4	-8	-12	-12	-26
-35	-34	-37	-45	-56	-55	-43	-26	-19	-29	-36	-35	-26	-13	-5	0	18	29	21	12
7	4	1	0	10	32	34	15	6	6	10	12	6	0	4	16	23	6	-10	-17
-13	-10	-10	-9	-2	8	6	3	2	3	7	-6	-14	-17	-15	-7	1	1	0	-4
-15	-34	-48	-41	-18	-5	-15	-22	-18	-9	-4	-8	-15	-11	-3	-3	-17	-33	-14	18
21	-2	-16	-13	-2	-10	-25	-28	-29	-28	-28	-28	-22	-9	-19	-30	-23	-16	-4	7
11	-7	-21	-15	-1	2	-9	-9	-6	-5	-7	-3	5	8	2	-10	-6	11	22	27
23	15	8	7	14	25	26	18	14	18	22	24	28	28	15	4	5	11	12	13
12	9	3	-2	-3	4	19	34	29	13	-5	-2	10	16						

111133 71.122.0
STATION NO. 457
INSTR PERIOD = 0.0390 SEC

SAN FERNANDO EARTHQUAKE
450 NORTH ROXBURY DRIVE, 10TH FLOOR, BEVERLY HILLS, CAL.
DAMPING = 0.641

FEB 9, 1971 - 0600 PST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP N50E 34 04 07N, 118 24 22W
DISP = 12.7 CM AT 12.48 SEC

PEAK VALS ACCLN = -290.1 CM/SEC/SEC AT 12.46 SEC VELO = -26.4 CM/SEC AT 13.80 SEC DISP = 12.7 CM AT 12.48 SEC

INITIAL VELO = 0.46489 CM/SEC INITIAL DISP = 0.21266 CM

2412 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-21	17	14	-13	-36	-13	11	-2	-19	-12	-2	-13	-29	-21	-8	10	22	-14	-41	-5
23	-17	-24	18	30	-2	-42	-48	-5	54	28	-26	-22	21	28	-22	-6	9	-13	2
-30	-67	-30	8	-26	-13	29	-10	13	-22	-30	63	114	69	-19	-45	-50	20	84	-14
-42	-23	-82	-55	-25	25	44	68	95	26	49	58	7	99	103	0	-25	-82	-170	-95
-15	-9	-42	-29	-71	-12	94	88	43	-3	-11	1	-17	1	-14	-55	-30	-62	-66	46
70	7	26	80	172	102	-91	-208	-183	-115	-3	29	-36	-56	9	-49	-13	118	242	255
49	-172	-342	-328	-104	99	199	56	-145	-191	-57	129	187	174	97	60	64	23	-57	-96
-98	-77	-106	-194	-197	-33	50	44	-23	-61	-123	-89	3	120	289	290	126	15	30	153
251	197	33	-158	-309	-352	-266	-221	-212	-128	-101	-59	-11	52	84	58	72	76	135	257
211	48	-87	-118	-42	45	117	117	43	-49	-165	-196	-64	-6	-28	-83	-98	47	168	129
139	35	-80	-2	68	12	-17	-38	-23	35	-42	-167	-164	-68	36	148	201	153	116	86
39	60	56	54	75	63	-28	-159	-175	-121	-39	36	25	-10	-11	1	-40	-32	56	134
232	253	203	156	60	-3	-18	-47	-141	-193	-159	-100	-21	-36	-84	-70	-84	-23	39	77
85	61	-38	-132	-93	18	113	160	185	204	97	57	126	235	376	323	168	49	-95	-158
-93	-8	16	-51	-144	-214	-195	-70	58	54	23	-1	-25	-32	-10	58	54	1	-14	-43
-149	-138	29	175	238	140	80	142	285	492	495	405	286	-79	-302	-304	-212	-211	-403	-619
-627	-564	-358	18	299	407	393	263	321	672	1062	1251	1218	1056	784	250	-337	-830	-1171	-1304
-1418	-1654	-1750	-1622	-1305	-977	-800	-279	588	1683	2500	2738	2537	1769	1023	730	529	339	-126	-792
-1384	-1953	-2223	-2372	-2348	-2055	-1569	-1041	-567	-202	58	558	1341	2215	2602	2755	2790	2729	2786	2311
974	-320	-1406	-2099	-2222	-2116	-2091	-2046	-1983	-1764	-1286	-812	-476	-407	-526	-557	-474	-129	393	1002
1516	1745	1603	1221	777	336	-236	-515	-558	-343	254	571	123	-741	-1614	-2549	-2539	-2207	-1468	-676
-82	224	311	293	664	1204	1789	2005	1913	1837	1847	1831	1333	612	87	-134	-42	59	-88	-363
-805	-1398	-1919	-2067	-1728	-1335	-841	-259	254	463	324	-24	-41	286	711	1113	992	455	-43	-505
-850	-991	-944	-750	-411	64	338	203	-296	-692	-659	-215	270	718	985	1210	1276	958	781	620
772	1021	965	591	178	-503	-1196	-1639	-1638	-1044	-411	70	228	93	71	265	457	513	322	174
131	145	87	-74	-311	-544	-635	-414	23	476	916	1224	1196	887	339	-156	-450	-360	14	349
445	419	175	-67	-464	-817	-888	-463	8	503	900	995	975	944	627	239	-55	-330	-578	-933
-1464	-1726	-1414	-586	-580	-400	-410	-250	37	371	809	1446	2098	2447	2450	1911	1251	739	366	172
-20	-231	-357	-391	-567	-821	-1032	-1069	-941	-684	-325	43	416	690	793	894	1022	1080	1033	870
754	738	658	390	23	-350	-633	-619	-401	-148	32	7	-338	-751	-1108	-1169	-1070	-1015	-1051	-1068
-904	-550	-156	182	379	495	585	610	636	664	907	1350	1695	1676	1327	862	322	-167	-540	-965
-1502	-2131	-2693	-2901	-2793	-2499	-2194	-1963	-1558	-977	-289	388	1063	1908	2431	2309	1899	1456	1223	1238
1119	750	414	123	-80	-357	-875	-1622	-2116	-2076	-1671	-1108	-646	-521	-673	-824	-835	-674	-445	-101
201	344	346	350	269	280	320	390	433	543	673	745	740	676	524	283	44	-209	-412	-664
-919	-1138	-1374	-1623	-1713	-1466	-1111	-774	-459	-213	39	403	912	1401	1775	1848	1633	1251	962	775
622	419	189	-35	-236	-454	-720	-1008	-1126	-1079	-873	-558	-282	-18	93	124	274	561	971	1330
1471	1324	991	642	383	310	409	597	662	563	311	27	-214	-392	-539	-587	-450	-336	-316	-448
-604	-732	-777	-714	-581	-456	-312	-171	-50	-3	45	149	352	569	742	839	866	830	750	672
625	628	570	403	178	-63	-248	-357	-480	-638	-838	-939	-842	-615	-412	-254	-182	-110	-55	5
13	-18	-51	-32	33	146	269	365	404	420	433	458	432	391	360	340	310	237	144	32

-87	-210	-319	-410	-464	-432	-359	-321	-340	-405	-447	-419	-264	-88	81	228	295	312	356	412
443	447	450	469	526	550	536	456	339	228	180	130	81	-8	-133	-236	-306	-399	-487	-546
-582	-573	-476	-336	-151	33	220	357	439	494	526	518	443	380	348	330	308	280	230	156
76	-14	-97	-140	-194	-308	-394	-458	-456	-306	-123	-46	-2	12	46	132	196	198	182	211
252	212	49	-130	-344	-547	-632	-613	-544	-509	-496	-510	-519	-502	-486	-427	-357	-265	-151	-9
134	287	397	412	329	232	152	125	192	276	294	181	-8	-173	-296	-398	-514	-555	-565	-599
-660	-730	-772	-700	-569	-435	-312	-200	-88	14	101	179	286	449	637	777	795	711	584	352
357	280	176	43	-113	-273	-413	-448	-367	-274	-216	-190	-186	-200	-194	-144	-33	100	260	484
459	530	602	661	691	618	495	390	324	276	208	119	30	-40	-122	-220	-318	-407	-456	-382
-210	-67	34	108	126	148	176	189	192	206	217	239	244	192	110	57	9	-22	-60	-122
-193	-255	-288	-272	-248	-183	-87	-12	-14	-130	-212	-205	-117	4	112	254	390	441	370	221
91	31	77	138	108	23	-53	-112	-170	-219	-243	-223	-206	-213	-224	-190	-119	-53	-7	0
-212	-194	-169	-143	-126	-116	-103	-85	-47	-7	98	106	97	42	-35	-117	-164	-200	-229	-234
74	41	44	48	30	37	70	88	76	19	-16	-20	45	101	115	62	1	-47	-55	-41
-6	37	70	43	-28	-66	-55	15	89	148	167	145	135	128	110	87	77	92	118	147
164	165	149	132	121	128	118	77	24	-18	-61	-128	-225	-307	-323	-250	-161	-114	-86	-83
-49	25	88	113	117	113	102	78	39	-10	-73	-133	-168	-157	-104	-59	-39	-69	-126	-165
-193	-181	-163	-170	-163	-112	-29	49	102	138	173	192	183	150	109	72	77	85	57	11
-58	-128	-188	-243	-296	-327	-291	-183	-73	-2	7	-9	-20	6	42	93	132	150	154	133
57	-40	-153	-238	-288	-319	-314	-288	-255	-225	-198	-155	-79	-4	46	98	149	187	215	240
259	279	276	254	227	209	183	140	97	42	-13	-50	-48	-8	36	59	35	-29	-80	-125
-119	-36	43	97	86	12	-33	-53	-51	-44	-52	-46	4	62	79	73	67	91	136	150
118	74	44	46	72	125	188	233	238	190	136	89	40	-12	-53	-67	-83	-118	-174	-236
-301	-323	-257	-161	-115	-111	-140	-110	-18	88	175	236	283	343	387	373	290	194	126	83
57	28	-8	-30	-34	-49	-93	-142	-193	-234	-255	-258	-265	-266	-230	-179	-149	-129	-115	-82
-18	52	118	178	239	299	345	338	276	216	165	139	145	146	136	101	37	-57	-144	-225
-268	-251	-198	-157	-163	-222	-289	-302	-231	-129	-59	-2	-1	-8	1	32	87	151	220	285
307	238	122	24	-36	-45	-20	7	24	22	-15	-84	-145	-186	-189	-145	-112	-111	-130	-135
-93	-32	3	36	62	69	31	-14	-47	-67	-68	-55	-37	-17	-11	-14	-25	-38	-59	-91
-110	-79	-36	3	38	48	32	16	5	9	32	57	74	91	116	140	151	153	163	180
176	135	84	38	10	6	0	-14	-29	-42	-67	-134	-231	-326	-376	-340	-248	-166	-103	-50
-13	26	71	121	196	290	363	387	372	335	297	275	260	236	199	146	80	5	-72	-151
-211	-251	-269	-274	-263	-247	-230	-212	-172	-122	-78	-36	6	43	67	81	89	98	109	122
132	131	123	76	6	-58	-116	-144	-148	-164	-176	-170	-137	-79	-26	10	19	33	50	64
61	42	27	25	39	45	29	-16	-76	-132	-163	-171	-170	-190	-221	-243	-246	-236	-204	-169
-129	-82	-37	1	20	10	-18	-19	-1	41	97	144	165	161	140	101	47	-2	-43	-60
-64	-55	-46	-49	-40	-13	7	23	45	66	86	114	137	157	173	174	172	177	181	169
139	97	65	38	14	-6	-29	-56	-81	-98	-102	-99	-81	-53	-50	-62	-74	-87	-92	-74
-58	-62	-77	-101	-112	-90	-43	5	49	81	91	84	71	78	120	169	221	266	299	296
272	240	211	194	186	167	152	143	147	153	133	88	43	-8	-68	-126	-169	-200	-210	-219
-229	-225	-200	-164	-128	-97	-61	11	106	176	251	316	342	312	235	181	163	164	176	151
99	35	-33	-91	-153	-191	-197	-172	-124	-92	-88	-100	-110	-93	-59	-8	43	79	104	127
162	186	194	203	214	221	205	153	85	15	-42	-95	-146	-194	-224	-237	-259	-275	-297	-314
-307	-262	-213	-155	-105	-69	-44	-4	43	77	102	110	88	64	42	24	14	1	-14	-31
-53	-92	-138	-160	-160	-152	-143	-141	-131	-98	-65	-43	-51	-66	-67	-67	-68	-68	-62	-53
-51	-64	-78	-78	-78	-82	-98	-123	-152	-183	-220	-255	-279	-279	-259	-210	-158	-107	-72	-61
-52	-37	-5	47	103	155	190	207	204	176	135	92	37	-26	-66	-75	-60	-48	-57	-74
-69	-35	7	32	56	92	153	202	238	260	264	265	262	252	247	249	255	258	231	175
94	19	-28	-54	-54	-44	-40	-52	-78	-108	-140	-139	-98	-47	8	69	108	119	115	121

148	197	241	254	238	206	173	134	84	51	32	13	-17	-55	-96	-135	-162	-174	-148	-101
-56	-9	33	73	109	139	155	168	180	190	200	200	176	135	90	39	-7	-51	-98	-148
-188	-224	-268	-277	-233	-195	-170	-140	-56	-37	24	83	140	190	241	270	244	206	164	121
96	67	19	-30	-88	-148	-200	-244	-275	-280	-260	-225	-184	-149	-129	-143	-150	-125	-59	24
88	92	46	-21	-86	-106	-45	16	57	45	-30	-102	-159	-172	-129	-75	-11	36	37	-15
-56	-70	-53	-33	-29	-51	-102	-140	-157	-122	-57	4	60	84	91	96	61	32	38	72
106	119	100	60	24	-14	-60	-122	-175	-122	-144	-74	-15	26	13	-15	-37	-45	-28	21
70	102	83	49	31	43	69	64	55	72	93	121	132	134	140	139	120	84	48	32
43	48	34	8	-23	-54	-85	-111	-103	-46	3	31	20	-10	-16	-7	11	29	37	33
27	18	9	3	0	1	15	37	51	47	23	-1	-19	-29	-48	-66	-62	-61	-62	-74
-81	-75	-63	-55	-50	-28	11	42	65	67	71	89	124	162	185	168	133	80	37	13
-22	-55	-86	-118	-163	-211	-235	-212	-173	-130	-87	-43	1	46	89	127	172	207	216	207
200	203	196	157	89	31	-13	-15	-7	-7	-24	-66	-120	-171	-203	-209	-182	-148	-120	-97
-85	-82	-56	-11	36	85	117	115	97	88	94	105	112	110	90	60	30	-2	-40	-74
-93	-93	-76	-57	-55	-83	-115	-124	-113	-84	-51	-13	20	36	27	0	-16	-14	9	28
37	43	34	16	-2	-17	-26	-17	-3	4	-4	-24	-29	-13	29	73	96	110	115	95
72	58	60	72	70	58	40	14	-10	-23	-24	-14	-14	-9	12	42	69	84	87	90
109	130	138	135	120	108	108	118	131	140	137	113	75	28	-26	-67	-89	-93	-74	-61
-64	-73	-80	-88	-85	-73	-57	-45	-39	-53	-74	-94	-108	-116	-97	-66	-43	-42	-63	-74
-53	-25	-4	1	-13	-31	-44	-58	-69	-82	-100	-120	-145	-166	-184	-194	-183	-151	-114	-77
-43	-21	-6	7	18	23	24	25	24	23	17	4	-14	-32	-52	-73	-93	-112	-125	-128
-127	-121	-115	-106	-95	-80	-65	-51	-37	-22	2	43	99	152	198	233	262	265	235	194
149	116	91	66	35	-2	-46	-88	-121	-142	-160	-157	-135	-114	-99	-92	-81	-56	-24	13
57	91	117	137	150	151	141	126	111	94	77	45	-5	-56	-112	-139	-134	-110	-92	-87
-99	-113	-127	-123	-94	-55	-20	14	46	73	91	106	120	134	147	162	177	186	182	158
126	89	51	30	21	19	18	14	2	-26	-56	-79	-82	-60	-30	7	48	63	72	84
99	114	123	119	100	76	68	60	50	29	9	5	17	16	0	-31	-54	-70	-74	-80
-83	-63	-30	4	22	15	7	7	19	37	55	68	65	48	32	20	6	-9	-21	-23
-19	-18	-30	-39	-42	-36	-36	-43	-35	-7	21	43	38	6	-14	-16	-4	4	3	-1
-6	-15	-21	-18	-18	-23	-35	-50	-54	-44	-33	-19	-4	10	23	17	-12	-43	-53	-53
-54	-68	-88	-96	-93	-87	-82	-81	-79	-70	-56	-42								

-942	-997	-1063	-1155	-1245	-1245	-864	-688	-439	-144	134	385	634	860	1061	1216	1299	1284
1193	1018	833	690	594	576	803	723	575	409	211	20	-154	-290	-314	-297	-267	-232
-154	-57	18	10	-95	-296	-739	-844	-626	-419	-317	-222	-83	38	137	209	179	91
12	2	64	173	323	504	772	703	-823	414	246	60	-117	-256	-329	-341	-333	-340
-356	-343	-322	-321	-315	-333	-571	-733	-823	-746	-596	-393	-231	-115	-77	-103	-140	-180
-212	-188	-114	-13	143	298	513	546	580	535	452	373	279	153	53	-46	-141	-205
-254	-260	-238	-220	-217	-243	-290	-341	-344	-277	-178	-46	100	213	278	297	273	275
308	387	495	578	606	593	472	426	341	312	326	323	291	240	191	182	171	154
96	0	-100	-173	-234	-319	-472	-482	-363	-330	-301	-272	-261	-262	-252	-216	-170	-94
10	102	150	149	145	170	249	258	177	131	92	82	124	164	185	138	46	-47
-139	-202	-241	-246	-238	-258	-330	-348	-246	-193	-179	-252	-349	-439	-476	-449	-338	-190
-65	38	107	150	174	165	97	35	-5	65	128	123	75	19	-36	-89	-128	-162
-181	-183	-207	-226	-252	-255	-106	-17	72	102	103	80	41	-8	-35	-10	48	133
245	377	482	498	460	405	211	136	105	151	208	253	266	226	174	77	-56	-185
-280	-258	-160	-58	29	108	115	26	-137	-171	-154	-152	-165	-191	-169	-120	-50	-8
21	65	100	117	111	62	13	-13	100	122	138	148	138	92	37	-20	-98	-201
-310	-420	-524	-576	-531	-403	-268	-68	-13	-50	-94	-129	126	-72	-16	50	133	222
346	491	583	580	493	376	265	77	9	36	112	204	297	345	352	300	196	62
-84	-251	-418	-533	-582	-530	-353	-305	-260	-282	-343	-418	-456	-436	-358	-275	-196	-89
25	171	329	466	545	493	263	162	28	47	136	241	376	467	519	489	385	248
82	-102	-235	-280	-219	-84	97	354	305	190	45	-127	-279	-372	-422	-402	-343	-283
-224	-180	-138	-106	-120	-139	-142	-100	30	123	211	276	297	267	210	137	61	-7
-38	-39	8	56	96	132	142	93	-112	-186	-222	-192	-114	-24	83	179	250	281
261	192	82	-40	-95	-84	89	189	338	354	322	254	175	93	23	-50	-112	-137
-139	-114	-81	-52	-61	-107	-165	-235	-455	-467	-436	-398	-352	-285	-201	-140	-89	-61
-54	-54	-49	-45	-36	-14	-4	8	109	120	103	88	90	122	111	66	28	-8
-21	-4	22	33	29	17	-6	-16	20	15	-5	-41	-70	-87	-90	-74	-49	-19
4	34	82	115	121	106	52	-18	-204	-230	-216	-181	-141	-100	-54	-10	21	18
-17	-65	-106	-102	-45	24	98	222	319	317	280	216	154	122	122	143	152	154
164	196	206	175	133	54	-45	-127	-193	-190	-199	-221	-245	-254	-266	-287	-306	-302
-280	-249	-194	-113	-28	56	124	167	194	195	201	229	266	303	344	398	446	484
504	485	421	332	223	136	87	41	-113	-163	-217	-257	-290	-339	-408	-474	-513	-527
-518	-492	-452	-396	-313	-213	-98	18	125	130	160	216	299	376	443	503	541	562
581	590	574	513	436	329	229	142	-12	-49	-95	-155	-236	-323	-384	-419	-428	-443
-468	-494	-502	-475	-444	-423	-407	-389	-222	-173	-129	-81	-20	38	93	151	223	298
364	417	456	468	442	403	367	329	185	141	101	70	54	37	19	-2	-21	-45
-84	-117	-149	-180	-203	-213	-235	-260	-128	-58	-9	23	34	16	-13	-35	-29	-4
27	66	105	138	160	-213	84	20	-103	-164	-199	-203	-183	-147	-122	-119	-128	-149
-182	-215	-245	-270	-282	154	127	84	-57	-18	4	5	-37	-80	-113	-131	-134	-110
-62	-16	21	49	70	-271	-234	-187	83	84	98	128	163	200	231	244	229	195
158	128	105	93	94	104	109	109	84	67	33	-5	-42	-77	-108	-132	-159	-196
-231	-256	-264	-254	-220	-176	-141	-110	-52	-38	-16	10	32	70	116	172	232	300
339	344	317	272	229	203	179	165	132	106	81	64	54	43	27	7	-22	-49
-61	-71	-83	-103	-122	-130	-131	-134	-143	-152	-158	-160	-151	-137	-120	-92	-56	-15
17	54	96	135	167	200	226	236	221	188	150	114	83	56	41	38	36	25
3	-31	-77	-130	-176	-208	-221	-222	-179	-163	-161	-155	-153	-147	-143	-138	-121	-94
-59	-22	22	68	112	155	186	211	239	242	247	262	285	310	328	327	311	282
241	193	148	119	103	81	41	-9	-174	-234	-290	-325	-340	-343	-330	-325	-331	-348
-354	-341	-318	-309	-294	-256	-212	-169	-174	-234	-290	-325	-340	-343	-330	-325	-331	-348
238	237	242	253	260	256	227	176	-36	-85	-111	-112	-98	-83	-71	-53	-53	-70

-86	-100	-107	-112	-103	-77	-55	-43	-29	-9	-2	-11	-19	-10	7	19	33	50	55	59
53	37	17	-12	-49	-81	-90	-75	-55	-42	-42	-42	-51	-60	-70	-80	-104	-138	-170	-201
-227	-248	-268	-269	-239	-189	-132	-67	2	63	96	89	56	31	31	79	145	198	230	243
219	193	173	144	87	20	-42	-75	-50	-9	22	15	-9	-13	9	42	62	83	114	138
155	179	220	247	241	220	186	147	144	155	147	122	96	56	-15	-90	-139	-137	-69	5
42	28	2	-45	-113	-201	-276	-269	-235	-178	-86	-8	28	38	27	5	-42	-73	-69	-26
28	75	99	100	68	10	-34	-35	-6	25	-53	75	69	24	-24	-56	-55	-58	-70	38
-72	-90	-133	-182	-217	-213	-191	-163	-123	-84	-57	-32	-32	-63	-85	-78	-56	-34	-7	36
86	126	158	178	181	166	141	131	144	157	141	96	54	27	-1	-32	-60	-74	-79	-96
-119	-138	-158	-173	-170	-149	-119	-81	-117	-10	-1	2	-6	-6	6	25	35	37	45	73
117	163	193	203	187	163	139	121	112	113	118	120	101	66	16	-32	-61	-74	-95	-115
-130	-137	-131	-115	-110	-117	-115	-101	-80	-49	-7	27	51	60	65	72	92	124	166	193
185	159	123	91	66	55	57	62	58	37	7	-34	-76	-115	-139	-150	-162	-168	-166	-165
-162	-154	-143	-124	-104	-96	-107	-127	-136	-121	-86	-55	-22	0	4	2	-1	-1	6	26
55	83	100	109	108	113	136	171	212	234	214	173	137	95	57	11	-27	-51	-66	-78
-90	-102	-120	-153	-184	-199	-198	-180	-150	-108	-78	-53	-21	7	37	68	86	102	120	131
148	167	189	218	247	257	251	224	194	172	163	169	176	171	152	128	103	73	52	36
19	1	-23	-52	-83	-116	-149	-172	-183	-177	-166	-162	-169	-189	-205	-208	-196	-174	-153	-140
131	-113	-83	-59	-33	-3	25	34	25	12	6	9	18	31	51	73	88	87	68	47
19	-12	-46	-78	-93	-92	-90	-91	-91	-97	-110	-125	-140	-150	-158	-165	-165	-145	-111	-77
-44	-24	-14	-17	-31	-41	-36	-26	-10	8	31	58	79	99	114	127	138	125	101	75
56	52	65	77	87	96	104	102	88	67	50	32	16	7	20	46	72	94	114	110
92	73	48	25	-4	-29	-36	-17	11	44	85	119	139	134	116	99	92	85	94	112
125	131	138	140	142	139	125	107	85	59	29	1	-33	-67	-90	-106	-125	-134	-145	-155
165	-175	-199	-213	-198	-162	-121	-84	-61	-49	-39	-31	-25	-18	-12	-7	-6	-8	-9	-10
-15	-20	-18	-17	-18	-18	-18	-16	-13	-13	-24	-39	-55	-62	-58	-53	-56	-66	-80	-98
110	-120	-128	-135	-140	-129	-114	-103	-89	-72	-55	-37	-37	-38	-43	-18	-1	22	55	85
113	135	146	147	136	120	113	108	100	96	101	116	130	143	143	127	105	86	74	62
44	17	-2	-14	-12	0	11	18	13	2	-8	-24	-49	-69	-76	-67	-50	-36	-19	-9
-10	-21	-37	-51	-73	-95	-111	-120	-108	-81	-54	-30	-7	15	25	19	4	-6	-5	-3
2	14	35	57	72	77	75	69	64	55	45									

211	294	295	168	16	37	169	183	146	95	-79	-141	-119	-86	-88	-159	-184	-204	-157	-159
-109	-147	-326	-241	-35	42	21	-121	-270	-231	-106	23	37	-17	-43	22	81	149	188	173
3	-1	123	257	331	210	85	50	88	167	227	264	132	-41	-41	-63	-8	131	198	35
-92	-136	-38	106	-28	-183	-130	-103	-164	-103	25	-13	-134	-154	-115	5	50	-25	-65	-112
-25	54	-12	-89	-94	-102	-4	198	304	305	163	-14	-77	60	199	139	40	-65	-29	72
76	52	58	163	169	51	-91	-176	-170	-67	32	100	155	115	-113	-304	-218	100	233	45
-161	-275	-198	40	215	170	-120	-139	-196	-147	37	133	120	50	2	22	92	87	-102	-147
-9	71	115	27	-106	-213	-190	-59	27	79	-9	-148	-267	-255	-31	151	60	-169	-251	-103
88	73	-56	-1	146	142	-2	-128	-150	-28	135	150	58	55	114	110	84	56	134	215
207	38	-137	-75	12	43	43	2	11	-6	2	40	98	58	-36	-18	39	56	131	71
-20	-81	15	217	267	268	260	152	-57	-99	95	236	162	-87	-189	-63	40	64	22	-74
-194	-230	-146	-42	-59	-76	-82	-146	-113	-12	68	68	-91	-237	-175	80	235	246	158	68
7	31	119	147	129	67	22	53	133	140	9	-145	-171	-113	-43	-21	-54	-107	-68	52
94	27	-112	-164	-84	58	124	-9	-174	-242	-107	87	96	-21	-123	-168	-137	-89	-103	-146
-179	-137	-38	34	-10	-121	-262	-257	-132	-118	-145	-128	-15	58	-42	-188	-316	-235	-95	-37
15	41	-60	-196	-249	-113	79	180	133	-38	-165	-162	-31	78	82	32	-39	-71	-52	15
89	129	122	109	71	43	68	112	138	108	39	2	109	271	290	219	145	115	65	10
25	85	106	51	-19	-81	-90	-36	38	60	56	74	32	-30	-14	17	8	-76	-158	-183
-69	158	238	112	-25	-19	53	118	116	87	24	-25	16	93	127	107	68	18	-20	-35
-34	-1	67	82	27	-69	-105	-84	-80	-74	-46	-50	-45	-95	-150	-112	-46	-28	-102	-175
-168	-102	68	213	161	89	26	-17	10	57	84	85	-1	-80	-42	64	128	123	71	18
26	71	62	38	29	35	29	12	-24	-40	-21	35	94	106	62	27	-11	-55	-46	15
75	97	64	14	-3	-5	-27	-22	5	35	88	61	-28	-76	-80	20	126	120	23	-44
-38	10	47	89	108	121	88	36	-6	-58	-55	-50	-67	-76	-19	4	-2	-16	-42	-65
-102	-79	14	86	58	-6	-70	-85	-52	19	80	101	43	-33	-46	-4	36	58	70	11
-65	-112	-80	12	66	70	-27	-118	-148	-106	-38	-13	-77	-161	-145	-77	-15	2	-30	-71
-121	-86	-6	-7	-26	-7	34	-6	-63	-37	24	51	28	-7	-39	-14	23	-8	-53	-45
38	77	39	-4	-23	-33	-71	-50	45	120	117	44	-40	-59	47	156	133	31	-19	2
8	-23	17	71	84	54	10	-5	20	50	-49	-15	-40	-11	20	32	-20	-52	-14	41
49	-17	-85	-96	-107	-114	-100	-76	-70	-62	-49	-30	-39	-73	-101	-66	-5	25	-17	-72
-40	20	63	63	31	-5	-11	-13	-24	-9	4	1	-2	-12	-30	-40	-34	-62	-85	-108
-110	-80	-68	-54	-40	-19	10	5	-10	-3	11	3	-34	-28	29	95	128	68	4	-12
34	97	121	116	73	-1	-58	-59	20	72	25	-58	-90	-76	-29	16	17	-24	-92	-139
-96	-6	61	69	11	-51	-44	8	44	56	56	26	12	10	5	20	65	83	72	37
13	39	81	83	57	48	45	44	37	41	52	61	51	12	-14	-80	-94	-65	-32	1
16	0	-29	-22	-12	-2	1	-9	-39	-34	-13	11	30	12	-3	29	64	82	87	57
5	-10	8	39	61	48	28	37	74	102	73	16	-22	-26	-6	-7	-27	-6	80	101
48	1	-16	4	35	16	2	9	4	-9	-26	-1	87	125	57	-18	-2	57	63	20
8	36	60	65	44	11	13	33	31	17	10	-29	-51	-32	-28	-30	-30	-35	-26	-12
5	-23	-53	-50	-24	23	30	-15	-45	-24	-12	-5	-1	12	10	-2	-4	8	-27	-94
-112	-51	19	22	-45	-67	-27	20	-11	-87	-113	-50	36	42	-23	-29	14	63	67	5
-8	27	17	-10	-45	2	-4	-46	-111	-56	62	-9	-154	-216	-144	17	32	-90	-171	-127
-13	-28	-128	-182	-166	-6	9	-37	-77	-100	-51	-22	-75	-101	-42	17	52	17	-70	-61
-16	9	58	50	-39	-101	-54	66	100	39	16	13	7	89	163	93	-10	-20	27	90
133	141	85	10	-10	15	41	68	57	60	54	35	-22	-17	68	136	128	89	47	23
43	51	79	110	71	32	10	66	143	179	128	22	-20	23	54	57	61	52	58	46
0	-17	42	54	4	-58	-55	-43	14	-22	-66	-63	-10	20	-12	-35	-35	-19	-54	-126
-131	-34	46	29	-26	-70	-66	-43	-41	-62	-36	-2	16	20	24	32	2	-29	-49	-13
34	59	27	-42	-91	-87	-60	-32	-33	-66	-88	-89	-91	-83	-78	-73	-43	-36	-62	-97
-107	-67	-19	13	5	-31	-41	-46	-28	-2	34	68	37	-12	2	63	74	19	33	64

45	13	3	31	59	31	-1	-3	31	30	4	1	21	55	29	-32	4	41	80	49
-6	-11	9	27	53	36	-36	-93	-69	4	60	68	17	-44	-79	-30	44	59	-5	-52
-30	-1	-6	15	67	112	77	29	0	-44	-15	33	13	13	-20	-68	-55	18	15	-65
-122	-136	-137	-77	13	90	83	29	-50	-104	-64	9	36	47	19	-44	-65	-27	7	37
41	-21	-90	-132	-111	26	125	129	56	-49	-107	-76	34	105	92	33	-38	-70	-19	87
170	149	15	-128	-166	-86	34	123	75	-8	-8	33	11	-67	-122	-146	-97	18	72	55
-22	-80	-93	-90	-43	-2	-23	-60	-36	20	62	56	13	-19	-29	-8	13	48	81	77
61	5	-28	27	100	163	156	71	38	46	48	35	39	68	64	44	13	-17	-18	-6
13	-8	-33	-44	-58	-46	11	95	126	64	-30	-73	-36	19	41	31	33	72	78	36
9	9	33	57	66	65	70	50	16	-5	5	24	25	-9	3	39	37	33	26	11
-14	-47	-17	17	13	-46	-91	-51	9	-6	-60	-84	-50	-31	-15	-1	-18	-14	10	0
4	34	14	-66	-90	-44	-3	38	56	6	-74	-90	-55	-27	-17	-29	-63	-62	-16	2
-2	-29	-53	-60	-50	-14	21	46	34	-15	-59	-71	-21	22	28	13	-24	-17	8	9
-9	-29	1	47	65	30	-9	-27	-13	15	3	7	24	12	-36	-71	-49	3	15	-1
-31	-27	-9	6	1	-21	-17	-7	-18	-8	10	8	-26	-55	-54	-25	9	24	14	-12
-32	-19	9	44	66	40	0	-10	37	67	19	-32	-17	28	42	18	-20	-40	-16	-2
-29	-38	-16	-16	-17	-34	-43	-35	-41	-16	11	14	2	-5	0	-7	-7	-8	-20	-12
3	22	17	-5	-25	-31	-4	35	39	10	-28	-29	11	22	17	17	28	28	17	9
-3	-5	0	7	20	19	12	0	-14	-11	-2	26	26	24	34	32	12	-6	-16	-13
-9	-1	31	61	47	15	-10	-17	7	28	23	9	1	11	33	50	43	14	-18	-40
-31	-7	13	20	-1	-18	-8	14	26	24	12	-18	-22	-2	20	27	4	-20	-21	8
34	24	-4	-28	-20	6	5	-15	-30	-19	11	35	28	-11	-39	-24	-5	-8	-5	-12
-31	-41	-15	30	46	12	-25	-38	-7	14	-8	-25	-25	-3	1	-17	-28	-20	-17	-20
-28	-35	-32	-41	-46	-32	-7	0	-19	-31	-20	-1	9	-8	-7	42	70	58	26	8
10	10	13	35	74	75	43	20	16	27	37	31	17	10	32	50	36	12	-5	-9
-5	6	17	27	31	20	18	19	20	11	-8	-8	-9	-2	7	9	11	4	6	-2
-17	-30	-24	-1	3	-8	1	-4	-1	0	-6	-1	8	6	-8	-28	-29	1	29	8
-23	-31	-13	-5	-31	-43	-38	-32	-23	-21	-29	-18	-9	-27	-48	-35	-17	-4	10	3
-15	-28	-25	-1	9	0	-17	-30	-21	4	18	5	-4	-7	-15	0	13	22	28	14
-4	-15	-9	7	19	15	5	2	15	28	26	17	21	7	-9	-17	-22	-13	11	12
-4	-19	-23	-15	-15	-1	18	19	-9	-36	-47	-18	4							

111134 71.126.0
 STATION NO. 425
 INSTP PERIOD = 0.0390 SEC DAMPING = 0.507
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 1800 CENTURY PARK EAST, BASEMENT (P-3), LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N54E 34 03 46N, 118 24 52W

PEAK VALS ACCLN = -97.9 CM/SEC/SEC AT 11.90 SEC VELO = 16.7 CM/SEC AT 11.80 SEC DISP = 11.4 CM AT 12.34 SEC

2473 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -0.28798 CM/SEC INITIAL DISP = 0.44988 CM

-35	-26	-27	-24	-4	8	-6	-12	-13	-10	-6	0	-6	-24	-25	4	8	0	-11	-8
12	18	5	-3	10	13	-11	1	17	-3	-32	-54	-20	19	14	18	14	33	58	26
7	5	-15	-17	-1	15	7	-4	9	32	9	-8	2	8	-3	1	26	23	-5	10
32	14	-13	-19	1	-7	0	33	27	5	10	-20	-23	17	-8	-14	49	89	27	-18
-18	3	-36	-98	-80	-14	20	1	13	71	87	10	-49	5	31	-13	-68	-86	-17	49
32	39	34	40	29	-23	-2	37	10	-34	-39	-63	-90	-53	-31	-63	-23	33	68	81
15	-51	-4	30	9	8	41	-9	-47	18	59	38	-10	-23	24	47	3	-36	-23	-28
-35	-16	-20	-25	-53	-67	-6	64	40	-27	19	43	-28	-30	34	66	91	47	-8	9
39	-32	-123	-126	-83	-29	17	29	32	33	-12	2	29	5	-38	-8	58	82	92	82
45	34	64	35	-14	27	71	15	-46	-32	-30	-48	-81	-97	-80	-16	-1	-39	-65	-32
10	7	-28	15	48	15	55	104	116	91	11	-14	35	51	7	-6	37	77	66	-3
-21	-77	-20	-64	-50	6	21	-42	-93	-65	-24	-21	-36	33	124	127	89	29	-14	-27
-23	-77	-104	-16	18	-35	-26	37	106	108	66	71	53	10	-11	5	48	61	1	-49
-12	43	57	16	-37	-36	10	-27	-62	15	55	52	6	-5	20	70	86	57	15	-30
-73	-108	-139	-152	-141	-56	57	74	40	44	63	20	-21	-21	12	39	63	90	113	52
-76	-162	-178	-102	-4	96	199	303	365	389	303	168	28	-140	-272	-278	-251	-277	-275	-193
-112	-101	-121	-93	-74	26	248	469	600	673	579	327	137	3	-154	-293	-479	-628	-578	-351
-247	-378	-492	-434	-343	-294	-122	279	655	688	682	850	902	612	125	-271	-485	-527	-488	-478
-372	-186	-137	-2	77	75	-29	-70	-38	-1	3	-106	-144	18	22	-240	-363	-267	-189	-119
-23	145	319	288	30	-166	-248	-486	-786	-846	-487	-160	-183	-193	-145	-59	174	351	276	109
106	191	250	295	378	301	61	-149	-338	-538	-541	-317	-151	108	411	462	338	430	487	321
122	31	-44	-169	-199	-135	-22	14	-26	31	220	312	315	360	299	92	-71	-210	-419	-639
-844	-957	-816	-502	-254	0	247	397	527	594	420	192	-145	-417	-485	-387	-399	-395	-333	-273
-289	-242	-81	66	111	186	338	467	594	666	673	517	264	38	-118	-113	-19	-45	-105	-3
178	212	130	56	18	73	102	55	118	188	147	44	6	64	124	73	-97	-127	205	531
611	586	485	478	468	182	-53	-116	-83	-199	-310	-324	-207	-81	-56	-87	-92	-83	-5	92
83	148	301	395	497	656	711	497	243	156	-37	-266	-363	-431	-399	-348	-432	-394	-180	-37
-24	24	146	231	237	302	485	613	566	439	363	185	102	180	192	135	51	-88	-180	-211
-182	-4	211	384	456	497	387	235	150	-6	-196	-376	-507	-506	-491	-472	-369	-150	44	283
430	422	470	510	512	450	289	123	88	81	-64	-316	-636	-846	-929	-979	-902	-672	-455	-231
107	337	298	259	343	400	336	132	-41	-180	-352	-434	-505	-646	-749	-794	-804	-765	-681	-504
-336	-236	-156	-130	-131	-58	-14	-54	-135	-184	-242	-361	-430	-387	-290	-231	-210	-174	-120	-15
84	212	315	334	381	405	326	130	-142	-275	-258	-422	-532	-561	-489	-385	-227	-24	180	239
192	93	97	138	96	58	121	188	203	175	122	60	54	-4	-68	-13	59	68	92	176
222	169	57	24	43	13	-33	-87	-168	-159	-56	23	56	73	68	84	126	148	153	150
171	199	209	232	289	276	168	30	-49	-108	-229	-319	-287	-215	-119	-30	39	56	75	191
256	257	280	332	382	410	402	407	367	301	222	137	89	44	-20	-74	-94	-116	-94	-43
-25	-33	18	44	78	138	136	84	45	31	43	67	74	48	17	44	141	207	188	148
131	112	82	39	-28	-80	-109	-156	-203	-230	-232	-231	-229	-182	-113	-51	6	49	75	84
79	92	122	146	149	117	127	184	247	304	322	318	302	243	178	111	51	-12	-79	-98

-72	-30	25	58	8	-17	3	1	-70	-134	-182	-180	-162	-138	-97	-45	-7	-26	-55	-25
13	20	46	83	81	49	24	3	-40	-75	-89	-83	-42	2	32	53	76	126	186	183
143	107	64	37	7	-51	-99	-125	-122	-120	-122	-117	-102	-71	-38	-35	-45	-58	-56	-46
-71	-126	-197	-251	-263	-283	-309	-308	-314	-306	-236	-158	-88	-36	56	135	145	102	70	20
-56	-102	-125	-133	-131	-127	-120	-115	-123	-108	-80	-83	-129	-158	-170	-162	-149	-173	-188	-181
-160	-149	-151	-133	-174	-25	10	34	47	60	72	68	49	57	67	50	35	26	12	-4
4	28	69	147	213	259	272	240	237	238	197	148	74	-4	-50	-45	-23	-6	11	51
86	112	96	59	50	65	70	52	3	-15	24	46	21	2	13	43	88	118	104	97
124	143	144	117	67	38	39	36	16	-14	-44	-29	11	46	85	126	156	172	171	143
113	79	39	-21	-73	-110	-135	-149	-136	-77	-49	-31	8	18	-2	-42	-82	-107	-107	-123
-176	-205	-195	-180	-187	-188	-166	-143	-126	-108	-82	-119	-165	-166	-140	-129	-116	-83	-59	-76
-76	-59	-53	-62	-49	-33	-19	17	60	106	133	149	175	180	173	160	139	120	111	103
81	34	-16	-35	-36	-41	-40	-4	45	67	74	110	143	124	102	93	84	67	50	45
48	79	121	132	115	108	119	130	143	167	176	165	129	101	96	99	111	140	158	155
119	70	30	15	-10	-42	-83	-138	-180	-171	-161	-153	-126	-80	-36	-10	-18	-19	19	30
8	-8	-19	-24	-29	-34	-8	25	56	103	132	108	49	7	8	11	13	24	16	2
-15	-36	-49	-46	-46	-72	-93	-105	-131	-160	-176	-168	-134	-121	-140	-147	-140	-164	-196	-214
-204	-179	-167	-152	-132	-108	-76	-49	-29	-17	-34	-74	-106	-109	-111	-118	-125	-118	-111	-105
-93	-80	-64	-45	-43	-50	-35	-21	-43	-93	-138	-149	-148	-157	-167	-137	-70	-4	59	110
140	161	182	187	168	148	135	111	96	107	101	94	113	126	132	136	136	129	99	55
36	44	55	56	58	63	73	69	56	50	31	15	8	31	59	76	85	81	62	47
53	66	60	47	61	81	94	107	114	96	64	41	34	38	26	-8	-23	-22	-20	-9
0	6	11	-3	-22	-26	-32	-36	-22	-2	7	16	18	4	-22	-43	-52	-35	-29	-38
-31	-1	44	94	113	100	83	62	34	5	-11	-22	-26	-23	-1	27	31	22	21	19
3	-30	-70	-99	-112	-113	-98	-59	-5	37	52	49	57	78	83	66	57	49	30	11
5	0	-15	-36	-39	-3	18	-9	-32	-27	-4	-22	-48	-45	-33	-26	-25	-20	-16	-17
-42	-77	-79	-68	-83	-98	-79	-52	-42	-28	4	24	32	31	29	35	45	46	27	19
21	-19	-59	-70	-70	-61	-47	-16	24	42	35	26	33	41	31	4	-14	-12	-6	2
-4	-30	-40	-30	-26	-22	-18	-18	-29	-44	-52	-42	-20	-16	-28	-36	-27	-3	24	39
48	43	39	26	15	22	39	52	54	65	79	79	58	27	9	7	-3	-10	-22	-28
-22	-22	-27	-21	3	28	43	45	44	44	34	12	1	-1	-3	-26	-53	-63	-81	-100
-106	-108	-103	-97	-89	-79	-59	-27	1	15	20	26	39	50	51	46	26	-2	-26	-46
-58	-66	-72	-76	-72	-67	-55	-36	-14	-1	1	1	45	24	-2	-8	-18	-30	-21	-1
12	28	43	50	58	74	86	83	74	66	64	58	31	22	7	-15	-37	-39	-35	-38
-36	-21	-15	-15	-15	-15	-15	-16	-20	-33	-42	-38	-31	-22	-23	-30	-41	-51	-50	-43
-35	-24	-16	-12	-5	13	37	59	77	91	100	98	80	62	55	56	51	42	32	20
1	2	8	3	-7	-16	-14	-10	-11	-24	-42	-44	-32	-28	-28	-28	-34	-50	-56	-41
-30	-24	-29	-31	-19	0	13	6	-1	13	24	26	28	40	54	50	50	66	60	46
41	39	40	61	65	62	64	80	104	107	88	75	77	80	65	52	62	83	86	86
85	85	79	73	74	72	58	46	51	56	50	47	50	57	53	35	25	24	23	12
-10	-28	-30	-33	-32	-38	-49	-39	-24	-30	-47	-68	-77	-67	-71	-81	-68	-55	-48	-47
-43	-38	-42	-45	-47	-51	-58	-68	-84	-93	-97	-98	-103	-103	-99	-101	-108	-117	-122	-122
-119	-118	-130	-133	-129	-122	-102	-88	-79	-60	-44	-41	-46	-49	-48	-51	-62	-63	-55	-52
-45	-24	-15	-22	-42	-53	-52	-69	-87	-99	-106	-110	-113	-113	-105	-92	-79	-61	-40	-23
-22	-13	3	22	32	30	13	17	22	17	14	26	44	53	61	69	84	86	81	76
75	91	114	121	127	136	148	149	136	125	122	125	125	127	130	127	117	108	108	113
111	104	105	111	113	112	118	119	122	134	143	133	118	111	123	128	127	123	119	119
106	83	70	67	52	28	11	-6	-20	-29	-41	-47	-45	-34	-24	-15	-11	-10	-1	5
17	32	46	52	47	32	19	9	-2	-6	-5	-9	-12	-13	-18	-29	-50	-67	-76	-67
-52	-39	-37	-36	-18	-6	-9	-14	-37	-64	-78	-95	-108	-97	-88	-94	-95	-90	-107	-121

-106	-87	-69	-56	-38	-13	1	-9	-22	-31	-40	-54	-85	-120	-123	-110	-99	-84	-61	-33
-6	11	9	9	21	26	30	18	-6	-26	-61	-104	-121	-134	-149	-147	-115	-78	-57	-45
-31	-27	-34	-27	-41	-84	-102	-94	-92	-103	-101	-86	-59	-41	-40	-57	-61	-29	8	31
37	19	-7	-11	-28	-69	-99	-91	-79	-75	-47	-12	19	41	45	33	29	30	20	14
29	49	64	64	61	66	70	72	67	54	25	22	42	52	57	57	57	76	114	144
156	157	156	149	137	125	114	104	80	60	52	59	54	44	42	56	74	80	91	97
96	97	98	95	74	50	48	55	53	44	37	30	26	17	-7	-44	-57	-36	-27	-27
-21	-19	-19	-23	-34	-61	-83	-98	-100	-96	-85	-69	-37	-15	-27	-54	-51	-30	-25	-25
-23	-22	-21	-22	-28	-31	-32	-34	-37	-37	-32	-26	-21	-12	9	24	29	22	11	-4
-9	-12	-14	-5	10	2	-5	-6	-1	-3	-17	-39	-49	-46	-40	-40	-40	-28	-4	19
37	46	42	38	32	32	37	36	24	7	4	8	23	35	41	46	51	56	68	79
77	55	33	27	25	14	-7	-28	-31	-17	-16	-14	3	16	13	12	8	0	-10	-22
-33	-33	-29	-22	-17	-5	7	7	8	19	28	31	29	13	-4	-10	-4	3	7	6
4	4	6	4	0	-1	3	8	11	10	10	10	16	33	57	74	76	71	63	52
37	21	-2	-19	-33	-36	-41	-47	-39	-22	-15	-16	-30	-41	-48	-57	-69	-81	-88	-90
-88	-86	-89	-99	-100	-99	-100	-105	-96	-85	-78	-69	-55	-44	-36	-27	-15	-10	-9	-13
-18	-22	-26	-32	-30	-28	-32	-33	-28	-24	-22	-21	-15	-20	-33	-42	-55	-67	-70	-73
-77	-76	-69	-56	-46	-38	-31	-22	-17	-11	-5	3	13	18	20	24	29	23	15	14
17	22	30	41	58	72	74	73	66	72	81	74	76	82	78	77	94	82	73	60
52	51	47	46	48	50	54	51	39	28	27	32	33	21	-1	-8	-7	-9	-14	-8
1	5	8	10	18	21	17	18	21	18	10	0	-5	4	9	11	15	20	15	1
-11	-18	-27	-31	-22	-16	-11	-1	5	6	8	11	13	5	-8	-5	19	41	44	42
46	59	66	61	51	50	51	48	46	48	44	38	39	43	49	55	51	49	48	44
43	52	61	62	60	55	50	45	40	32	23	15	17	19	11	14	18	20	19	12
6	1	-4	-9	-13	-13	-15	-19	-13	-14	-18	-22	-25	-28	-30	-37	-43	-34	-37	-44
-35	-30	-39	-45	-52	-55	-60	-66	-76	-80	-77	-70	-69	-75	-77	-74	-71	-69	-67	-64
-58	-54	-51	-47	-37	-28	-30	-38	-41	-42	-44	-45	-45	-45	-43	-33	-22	-13	-8	-5
-4	-7	-9	-12	-15	-18	-17	-11	-5	-9	-15	-22	-30	-36	-36	-36	-38	-39	-39	-39
-39	-39	-39	-39	-38	-32	-25	-18	-11	-4	-15	2	12	17	20	21	22	23	22	21
16	11	11	12	15	19	20	22	22	19	15	13	12	10	9	15	19	20	21	21
21	22	21	17	15	17	20	21	18	12	13	18	22	23	25	33	38	36	32	26
18	11	4	-3	-7	-7	-7	-7	-4	2	7	12	17	21	25	28	32	37	48	59
67	70	73	71	67	63	57	55	56	48	36	30	26	24	22	21	21	24	27	26
24	23	23	25	25	22	19	15	8	2	-1	-3	-3	24	22	21	21	24	27	26

111134 71.126.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 425 1800 CENTURY PARK EAST, BASEMENT (P-31), LOS ANGELES, CAL. COMP S36E 34 03 46N, 118 24 52W
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.578 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -82.3 CM/SEC/SEC AT 9.58 SEC VELO = -10.7 CM/SEC AT 12.54 SEC DISP = -6.2 CM AT 13.78 SEC

INITIAL VELO = 0.04060 CM/SEC INITIAL DISP = -0.42453 CM
 2473 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

35	5	-10	1	1	-20	-28	-8	11	19	-11	-37	-24	21	51	28	-15	-32	23	45
-3	-57	-54	30	23	-33	-9	19	47	12	-29	36	103	70	-6	-44	-10	-14	-82	-77
3	45	40	6	-36	10	26	32	27	-57	-50	11	32	-27	-89	-22	67	65	26	57
29	-8	-36	17	71	4	-65	-79	-33	-8	-76	-9	61	66	19	30	81	26	-75	-100
-10	63	40	46	49	1	-40	26	130	103	-57	-121	-8	74	1	-74	-18	108	35	-179
-147	41	113	-44	-137	-8	85	24	-41	44	143	97	22	7	18	-5	19	70	58	-62
-120	-2	92	16	-37	-75	-57	24	6	28	11	-37	-59	-77	-77	14	119	78	1	-40
-49	65	123	67	21	16	-10	-68	-139	-82	45	7	-103	-34	81	47	-46	-60	-5	50
7	-16	-58	-34	-17	-38	25	53	-9	-102	-11	142	55	-70	-108	-39	32	-42	-121	-61
-10	-82	-108	-45	40	46	-103	-176	-33	89	4	-41	-38	47	134	91	26	-13	7	22
-28	8	43	67	51	-39	-47	-22	-33	-20	-57	-93	-62	-62	-47	-13	-73	-110	-13	109
116	-35	-57	45	107	34	-140	-27	193	133	-4	-62	-24	41	72	46	43	90	-2	-139
-106	-12	-20	-130	-162	-118	-71	-9	-85	-93	19	66	83	-31	-19	114	157	32	-41	-12
106	155	71	11	5	54	45	-30	-106	-47	-59	-96	-24	-3	62	41	-19	-26	1	57
35	-79	-42	7	-66	-71	-33	-19	11	-80	-69	38	0	-39	-24	6	-41	-35	-8	-12
-54	-123	-71	32	111	193	257	341	363	237	132	-4	-120	-51	45	43	-141	-178	-86	-130
-274	-187	76	154	95	-24	105	333	272	165	123	65	-320	-618	-392	-128	-285	-424	-255	-35
137	208	167	244	380	469	312	-71	-24	323	290	-107	-426	-298	29	402	520	476	353	212
107	-49	-225	-299	-277	-26	330	263	111	84	-57	-22	132	186	107	67	165	179	85	-11
-192	-481	-640	-556	-368	-203	-220	-389	-335	-127	37	103	199	276	99	-250	-440	-447	-284	184
606	675	535	391	358	273	23	-43	61	-7	-225	-371	-307	-174	-278	-404	-146	237	211	33
-88	-85	-114	-212	-252	-348	-390	-324	-211	20	157	187	196	83	23	211	322	374	413	108
-314	-442	-415	-227	142	483	651	566	248	32	7	-42	-15	-17	-83	-51	219	334	79	-75
47	223	177	-50	-253	-376	-247	233	423	168	-57	-111	37	61	-5	81	117	-178	-597	-823
-788	-526	-200	62	370	444	357	325	364	450	385	255	274	233	159	85	3	75	60	-164
-380	-430	-236	-65	-91	-74	132	159	-139	-317	-339	-255	-71	128	161	-76	-259	-252	-255	-185
129	453	596	497	300	192	92	85	162	-10	-234	-167	12	123	-20	-177	-226	-164	139	535
609	290	-25	-133	-59	-31	-163	-384	-367	-38	241	359	241	-199	-520	-448	-336	-455	-488	-369
-258	-169	-141	-208	-182	-34	114	153	91	77	34	-168	-306	-268	-214	-230	-156	-55	48	108
135	147	51	-118	-287	-320	-186	161	475	630	558	346	173	108	47	6	-127	-258	-309	-401
-526	-507	-384	-220	-34	165	320	416	340	128	87	286	312	190	94	33	-135	-358	-510	-522
-451	-465	-528	-520	-456	-353	-271	-95	141	330	441	456	450	516	479	350	118	-87	-129	-85
-187	-380	-484	-292	11	180	174	153	158	202	217	114	32	35	4	-47	-24	-8	-91	-98
66	238	341	277	184	50	-27	58	152	63	-111	-134	-38	31	51	17	6	54	105	129
190	236	166	41	-28	44	133	215	233	214	214	148	96	68	77	70	-40	-128	-124	-11
98	173	256	334	395	410	301	191	224	248	138	35	64	152	110	31	32	98	139	139
103	-9	-75	-54	-39	-22	22	63	112	178	233	202	120	38	-18	6	80	133	76	-51
-82	9	24	-70	-127	-162	-217	-247	-230	-255	-289	-293	-312	-265	-162	-104	-16	51	-5	-72
-25	62	54	9	30	127	226	177	22	-136	-222	-229	-191	-199	-235	-243	-205	-123	-51	-17
5	1	-23	18	70	42	-65	-138	-182	-177	-175	-214	-271	-308	-315	-284	-243	-193	-150	-159

-185	-194	-192	-167	-160	-158	-138	-126	-115	-93	-57	-6	47	45	-4	-9	37	3	-66	-62
-21	31	52	25	35	37	10	16	22	4	-44	-88	-108	-103	-47	-12	13	102	179	222
253	262	232	173	105	109	150	136	1	-146	-190	-64	49	81	74	72	65	45	31	36
78	106	118	92	46	15	97	220	287	272	241	251	263	237	206	188	200	191	122	76
67	87	74	37	32	67	80	57	25	-36	-113	-130	-95	-66	-61	-88	-129	-138	-79	11
50	53	59	59	18	-17	-67	-137	-147	-111	-120	-126	-109	-81	-107	-166	-202	-232	-258	-215
-154	-128	-128	-149	-152	-104	-56	-50	-37	-24	-56	-91	-127	-153	-158	-107	-39	17	37	9
-8	17	47	64	56	17	-15	-20	12	49	50	16	-14	-35	-19	-107	-39	17	37	9
26	82	88	84	85	86	91	94	80	36	50	16	-14	-35	-19	2	-15	-86	-123	-74
114	85	99	113	116	89	64	74	88	104	125	123	94	73	61	197	246	265	228	173
															66	39	-11	-45	-23
18	64	114	128	88	58	46	17	-70	-158	-153	-101	-87	-87	-123	-174	-210	-212	-163	-88
-33	3	8	-29	-42	-18	-2	-6	-47	-94	-121	-142	-153	-167	-175	-140	-66	-38	-48	-45
-24	-7	-52	-101	-133	-110	-73	-62	-24	29	10	-47	-33	10	36	20	-13	17	78	104
90	100	122	136	128	104	81	85	99	106	80	17	-18	-12	-30	-74	-98	-104	-81	-55
-23	-13	-9	-1	17	18	12	19	25	22	23	68	134	156	135	120	122	88	79	117
130	118	120	140	157	152	131	110	83	62	51	54	86	99	47	19	52	93	115	75
41	67	84	40	4	20	58	67	33	10	0	-15	-36	-84	-143	-194	-217	-198	-159	-102
-54	-65	-103	-128	-130	-102	-54	-22	-31	-64	-93	-99	-85	-73	-83	-127	-172	-157	-124	-107
-97	-108	-119	-91	-51	-40	-53	-42	-39	-69	-94	-84	-56	-39	-8	37	55	48	37	43
79	111	98	48	3	14	45	44	30	18	20	19	-5	-39	-76	-106	-112	-101	-84	-43
0	34	54	69	72	61	19	-33	-40	-6	21	24	24	11	10	2	-17	-21	35	79
76	46	-16	-64	-79	-67	-19	20	33	41	57	71	58	32	36	37	46	78	76	40
12	8	11	27	65	107	123	143	154	106	62	50	53	30	-20	-50	-38	-21	-43	-62
-46	-27	-16	2	25	40	36	18	9	15	21	41	77	104	122	133	136	136	124	81
16	-39	-72	-88	-90	-105	-142	-169	-160	-128	-91	-69	-44	-12	4	11	20	16	11	7
9	33	46	8	-25	-17	0	0	-21	-57	-73	-70	-57	-22	25	46	38	38	46	49
60	79	88	70	44	35	24	-2	-12	-16	-35	-51	-43	-30	-34	-66	-96	-111	-118	-121
-114	-91	-68	-45	-40	-32	-9	15	32	38	25	15	15	0	-24	-41	-53	-52	-56	-75
-61	-23	-19	-47	-65	-46	-33	-32	-51	-65	-69	-78	-84	-70	-46	-34	-32	-29	-17	4
24	32	38	40	35	19	-2	9	34	36	9	-16	-12	10	25	12	-27	-60	-62	-56
-50	-27	-2	14	12	1	21	62	98	113	95	72	73	91	105	111	87	63	57	49
45	45	28	5	-15	-24	-19	-16	-18	-36	-65	-71	-47	-22	-5	3	0	-19	-36	-33
-33	-42	-29	-18	-39	-54	-55	-38	-1	22	19	9	13	26	26	5	-16	9	49	51
24	3	-11	-9	11	31	39	23	2	-5	-1	2	11	24	36	29	7	-12	-14	-3
-3	-15	-31	-40	-44	-32	-6	12	18	25	22	19	21	33	61	91	104	100	93	92
109	136	151	163	151	132	120	116	113	102	83	67	70	81	78	63	45	45	60	64
45	9	-19	-21	-17	-19	-25	-25	-23	-13	-6	-20	-40	-40	-36	-38	-42	-45	-44	-30
-11	9	37	61	59	41	31	22	-3	-44	-68	-56	-28	-39	-68	-92	-98	-94	-102	-122
-116	-88	-83	-93	-102	-84	-57	-67	-72	-34	-4	-21	-52	-50	-29	-17	-37	-51	-34	-25
-21	-14	-4	-4	-15	-12	28	48	36	47	72	51	17	-5	15	55	54	26	1	0
19	24	31	27	12	24	54	38	8	10	20	30	6	-15	-15	-10	-13	-10	-14	-24
-40	-35	-12	-17	-53	-65	-53	-51	-42	-36	-32	-15	1	7	-5	-23	-38	-38	-10	6
-2	-5	-4	0	12	25	27	16	17	17	-5	-36	-59	-62	-71	-86	-90	-91	-98	-102
-106	-89	-71	-67	-65	-67	-76	-82	-90	-104	-102	-82	-81	-97	-102	-77	-55	-38	-32	-38
-42	-40	-45	-50	-42	-18	6	18	22	13	2	12	39	58	57	48	40	28	21	32
45	52	64	74	74	68	64	56	56	66	64	60	64	68	71	87	102	96	88	102
114	109	87	66	53	68	88	102	92	70	59	63	78	79	65	55	59	66	74	82
85	89	94	93	85	71	53	39	37	36	29	14	3	4	9	0	-17	-26	-5	29
41	40	50	58	49	26	27	40	48	37	25	26	40	45	32	14	-10	-38	-77	-107
-114	-129	-142	-140	-120	-85	-76	-108	-112	-91	-86	-97	-100	-63	-22	-10	-14	-33	-50	-64

-109	-147	-118	-73	-86	-124	-116	-99	-106	-123	-142	-123	-96	-89	-116	-143	-104	-73	-93	-89
-45	-44	-71	-101	-74	-23	-30	-48	-32	11	40	22	-4	-6	1	24	28	-1	-8	0
7	15	41	87	81	34	26	55	70	67	56	32	13	14	23	40	79	107	110	132
134	120	116	140	168	182	183	170	148	126	101	95	125	127	96	72	82	97	96	90
91	104	116	114	110	99	55	18	20	23	-4	-38	-46	-44	-44	-51	-60	-59	-50	-52
-49	-19	-5	-12	-23	-36	-56	-76	-86	-80	-81	-82	-85	-44	-29	-22	-35	-61	-60	-50
-49	-45	-39	-37	-48	-46	-25	-16	-24	-41	-55	-71	-73	-63	-61	-48	-35	-26	-19	-7
5	12	11	7	-1	7	5	-12	-20	-25	-29	-35	-42	-17	9	1	-25	-49	-58	-40
-3	10	4	9	19	33	32	13	20	37	47	49	44	36	29	31	52	63	62	48
22	22	34	22	4	5	16	29	49	56	47	46	47	51	40	15	7	13	6	-5
-7	-15	-21	-27	-45	-47	-36	-20	-9	-6	3	10	2	-8	-11	-2	9	9	-6	-19
-34	-53	-57	-50	-47	-62	-75	-70	-68	-74	-83	-84	-73	-55	-43	-45	-48	-54	-67	-79
-86	-94	-87	-75	-77	-83	-90	-93	-87	-79	-76	-72	-64	-45	-38	-41	-39	-35	-27	-17
-15	-20	-25	-27	-14	-16	-21	-12	-3	8	32	46	53	63	82	98	104	114	120	123
128	133	122	104	104	104	104	108	111	109	96	88	90	95	94	92	91	93	102	107
99	86	75	70	60	53	47	41	38	41	45	59	71	74	75	73	63	51	44	41
38	33	19	-5	-33	-52	-61	-59	-52	-57	-69	-78	-69	-56	-53	-60	-63	-63	-51	-44
-59	-72	-86	-90	-93	-95	-97	-93	-86	-78	-69	-70	-81	-91	-98	-98	-105	-118	-123	-113
-106	-103	-100	-90	-82	-79	-82	-90	-89	-73	-58	-49	-44	-34	-23	-26	-35	-42	-42	-35
-26	-26	-26	-15	3	21	32	36	46	50	48	53	63	69	68	65	61	69	79	83
89	94	102	106	109	121	130	120	107	112	131	149	151	141	138	137	135	123	115	116
118	108	87	72	69	74	69	46	23	10	1	-6	-13	-18	-33	-43	-42	-36	-26	-28
-38	-38	-36	-45	-55	-57	-55	-54	-58	-75	-80	-64	-57	-70	-78	-71	-57	-48	-54	-68
-64	-49	-36	-24	-27	-34	-40	-40	-36	-40	-44	-49	-51	-50	-42	-52	-67	-71	-73	-70
-56	-42	-36	-17	4	6	11	21	18	11	5	-1	-3	-4	-5	-6	-4	0	8	4
-8	-10	-4	10	16	10	9	13	24	28	20	12	10	14	12	9	6	9	17	23
28	32	35	31	32	40	44	44	44	44	45	50	54	51	47	45	46	45	37	32
31	30	28	24	16	11	9	14	8	-1	-7	-12	-12	-10	-10	-10	-10	-10	-10	-11
-12	-17	-25	-30	-32	-33	-29	-13	-7	-9	-10	-11	-11	-13	-18	-23	-21	-18	-18	-25
-26	-14	-11	-15	-18	-18	-13	-21	-35	-40	-44	-48	-52	-55	-57	-51	-44	-37	-28	-20
-12	-10	-14	-17	-20	-13	-1	2	-3	-11	-9	-1	4	3	1	6	17	25	22	17
17	16	9	0	4	9	16	21	18	11	14	23	30	30	27	25	23	26	32	31
24	20	20	19	11	2	-1	1	2	-3	-9	-1	9	13	14	15	13	15	24	27
24	23	21	23	24	21	17	13	10	10	15	18	18	18	18	15	15	15	24	27

111134 71.126.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 425 1800 CENTURY PARK EAST, BASEMENT (P-3), LOS ANGELES, CAL.
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.485 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 46N, 118 24 52W

PEAK VALS ACCLN = -62.5 CM/SEC/SEC AT 7.40 SEC VELO = 5.8 CM/SEC AT 14.06 SEC DISP = -2.5 CM AT 12.20 SEC
 INITIAL VELO = -0.31685 CM/SEC INITIAL DISP = -0.13046 CM
 2473 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

39	75	53	35	65	90	57	25	-4	-43	-51	-6	1	-50	-48	-9	24	78	20	40
95	95	59	-10	65	39	-125	-229	-237	-112	-55	-73	9	184	260	210	111	70	45	-84
-162	-124	-110	-94	-65	-19	-21	12	115	207	174	45	14	-23	-106	-128	-154	-84	-114	-108
20	143	144	66	115	185	209	61	-86	-85	-112	-285	-240	-8	143	64	-17	109	150	-27
-167	-154	-114	-146	-94	57	95	-27	-138	24	166	81	-44	-106	27	77	15	38	94	87
-59	-72	0	64	8	-90	-32	50	-12	-117	-122	-75	-129	-161	-38	129	93	13	29	99
78	48	29	-32	-158	-235	-131	3	36	42	111	107	60	38	-3	-50	-109	-103	-45	-47
-72	-20	56	95	58	-6	23	118	117	53	2	50	125	82	12	-116	-128	-84	-59	-12
10	41	101	150	142	46	-94	-125	-23	-7	-70	-58	52	57	65	40	40	51	63	18
-9	118	156	80	44	10	-39	-70	-87	-142	-102	-28	69	115	160	160	12	-79	-207	-236
-126	-116	-17	84	62	138	121	83	53	22	13	102	152	170	121	9	45	97	-50	-183
-101	62	-22	-73	-39	17	5	-84	-158	-68	-15	-62	-81	-21	9	71	67	-10	20	45
-40	-36	21	68	68	7	-19	-12	-23	-83	-232	-301	-214	-16	33	72	150	176	96	-49
-177	-244	-142	3	26	79	134	144	95	-65	-96	15	97	86	44	59	47	-37	-123	-285
-208	-17	-34	9	150	219	169	131	72	15	-86	-174	-98	14	24	-2	53	7	-135	-163
-17	38	-8	-45	20	78	93	131	4	-157	-186	-109	-25	-93	18	187	236	175	207	215
143	-75	-232	-176	-204	-324	-437	-342	-137	-53	-16	131	441	379	223	158	151	47	-260	-464
-337	-57	-53	-94	47	188	165	131	122	191	292	188	-120	-265	-254	-235	-248	-165	-75	29
39	212	544	623	511	435	315	182	-117	-509	-625	-488	-370	-244	-61	211	435	513	385	148
-108	-111	44	26	-137	-183	-37	51	-7	-80	-45	33	202	173	54	-1	-183	-298	-263	-96
133	252	312	246	256	310	130	-205	-414	-247	130	270	190	191	247	107	-133	-253	-302	-271
-319	-310	-207	-28	47	61	68	19	33	108	40	-94	-235	-292	-245	-196	-182	-147	-96	34
134	184	249	217	142	47	-73	-73	-68	-26	28	75	238	289	175	101	86	185	347	423
351	231	150	29	-121	-202	-215	-280	-311	-175	-34	2	1	1	41	-28	-142	-59	66	44
-64	-199	-247	-265	-239	-185	-83	22	67	128	216	247	178	79	94	114	106	14	-119	-164
-267	-316	-202	6	224	294	167	-7	-16	-55	-115	-183	-119	61	170	156	102	37	-141	-314
-406	-464	-374	-172	-97	-143	127	-29	-5	-17	-22	-99	-121	-1	95	63	54	23	-104	-260
-246	-91	142	305	371	383	338	218	93	48	40	-14	-84	-85	-47	-111	-127	-43	83	161
117	1	-171	-305	-255	-137	-29	71	94	90	65	51	40	-22	-85	-123	-185	-178	-130	-110
-59	-42	-34	-20	-24	3	43	111	144	111	76	59	0	-28	-46	-52	29	75	80	69
96	167	232	231	128	31	33	71	115	142	166	174	143	173	127	19	-35	-8	-32	-103
-185	-206	-138	-111	-78	-15	8	47	124	196	236	249	273	230	166	97	43	17	-21	-37
-66	-130	-166	-146	-89	-33	-49	-35	9	83	150	142	136	130	102	56	31	-14	-121	-260
-360	-342	-295	-288	-219	-112	-24	15	97	165	203	179	149	134	30	-92	-162	-124	15	106
122	147	212	245	173	114	136	182	181	101	41	69	108	136	116	99	86	82	70	68
73	68	53	4	-47	-60	-81	-148	-207	-219	-207	-195	-174	-163	-161	-132	-100	-73	-95	-182
-263	-276	-240	-192	-144	-104	-91	-49	0	10	26	60	65	40	0	-24	8	71	109	100
96	100	70	19	-54	-90	-89	-53	-27	0	-5	-22	-20	5	45	83	87	70	103	140
88	2	-71	-94	-91	-104	-67	-9	15	6	-15	-13	-1	-16	-39	-40	-11	20	18	-16
-62	-118	-160	-157	-122	-106	-105	-119	-134	-150	-165	-201	-201	-165	-137	-112	-64	14	41	21

25	42	29	15	25	35	47	76	132	177	196	176	149	114	95	88	87	69	45	22
-8	-10	4	21	66	111	146	167	149	108	72	38	9	2	27	46	27	-17	-32	-28
1	30	44	72	85	77	71	32	-1	-8	-8	-7	1	3	-28	-59	-87	-102	-96	-60
-17	9	16	27	-5	-36	-61	-72	-50	-19	-31	-2	2	11	6	-14	-21	128	123	91
6	4	2	-13	-17	3	2	-16	-35	-45	-56	11	-4	35	90	101	106	-80	-80	-111
91	84	92	112	114	119	126	138	142	109	56	11	-17	-34	-31	-28	-20	-39	-80	-111
-141	-152	-140	-109	-109	-65	-48	-54	-52	-61	-61	-50	-27	-23	-43	-61	-65	-52	-56	-63
-41	-51	36	39	1	-38	-57	-71	-77	-85	-100	-99	-88	-72	-43	-26	1	15	2	-1
21	51	83	106	132	158	145	116	100	107	134	122	91	76	68	62	48	29	7	-15
-31	-31	-23	-1	28	45	34	7	-4	-22	-51	-73	-78	-74	-65	-41	-26	-13	2	51
87	78	45	43	59	41	-5	-48	-59	-56	-38	2	48	83	75	46	18	-14	-32	-16
3	20	31	38	47	49	37	17	-8	-27	-38	-41	-46	-70	-98	-102	-85	-77	-76	-66
-33	-5	2	7	-2	-35	-56	-73	-88	-89	-62	-56	-85	-122	-126	-98	-79	-63	-46	-34
-52	-84	-93	-85	-78	-85	-110	-118	-107	-97	-77	-36	-9	-10	-26	-40	-76	-79	-51	-16
27	59	58	43	48	67	75	74	72	72	71	64	58	67	87	97	108	127	123	92
70	82	100	90	93	111	114	91	51	15	30	64	74	84	87	64	40	43	58	59
59	49	33	52	54	48	42	40	38	8	-37	-69	-86	-77	-71	-64	-39	-2	8	10
-4	-13	-11	21	36	21	-5	-16	-25	-37	-49	-30	-2	-10	-35	-57	-68	-77	-80	-61
-36	-16	-18	-21	-10	6	23	34	64	98	95	68	37	22	26	35	37	33	32	39
36	20	-6	-30	-39	-40	-45	-42	-41	-35	-36	-46	-47	-40	-29	-13	8	25	23	14
9	-1	-14	-2	29	45	42	35	33	56	75	60	35	13	-3	-20	-23	-11	8	22
22	18	16	12	3	-3	-15	-26	-35	-41	-37	-39	-58	-55	-46	-31	-4	4	3	4
0	0	4	21	22	1	-13	-26	-37	-40	-39	-36	-38	-30	-14	-5	3	3	-3	-13
-29	-46	-68	-78	-64	-34	-27	-40	-38	-28	-14	-4	-12	-15	-11	-8	-13	-24	-49	-66
-56	-26	-1	13	24	27	19	5	-10	-23	-18	-4	-13	-32	-36	-25	-18	-3	19	30
31	28	19	11	-4	-21	-16	-1	9	10	15	18	19	23	26	37	56	80	95	93
83	38	44	19	12	8	7	20	30	33	21	10	1	-3	-5	-21	-43	-46	-44	-51
-69	-71	-69	-68	-81	-100	-114	-119	-114	-99	-78	-57	-39	-28	-17	-15	-24	-40	-60	-64
-47	-33	-22	-25	-40	-45	-24	11	42	55	62	56	46	43	33	10	-7	-8	-1	16
41	57	59	53	34	29	39	52	60	65	70	72	68	57	34	8	-10	-8	7	24
36	46	51	38	26	17	21	31	32	36	31	23	14	11	21	28	38	37	31	22
10	4	5	9	23	26	26	27	31	35	35	23	14	10	1	-2	2	14	12	4
-19	-39	-46	-57	-65	-64	-53	-42	-28	-15	2	13	14	12	6	6	7	-3	-11	-13
-12	-9	-6	16	31	25	22	20	18	17	15	16	28	53	75	81	73	67	54	42
30	24	26	21	16	14	13	13	26	45	56	65	64	63	60	54	48	43	32	17
3	-3	0	9	24	33	43	49	49	32	3	-8	-17	-33	-46	-53	-54	-56	-57	-55
-48	-36	-29	-27	-16	-5	-6	-18	-29	-29	-44	-60	-57	-55	-44	-11	9	-1	-34	-58
-65	-50	-49	-55	-32	-3	0	-13	-26	-29	-38	-60	-71	-52	-32	-34	-44	-51	-50	-31
-47	-84	-78	-50	-47	-68	-82	-62	-47	-84	-102	-70	-38	-45	-73	-82	-51	-69	-118	-104
-66	-51	-51	-33	1	10	-17	-45	-27	-22	-71	-90	-51	-11	6	9	11	8	2	-17
-22	-11	2	8	18	34	35	45	49	48	62	80	90	74	49	33	15	-7	-9	15
56	79	86	88	90	80	58	59	63	67	69	73	84	81	73	77	86	93	112	117
107	104	98	83	60	34	12	13	23	34	42	31	24	22	14	-7	-25	-33	-44	-54
-62	-53	-29	-8	-2	3	14	24	24	10	0	-7	-19	-34	-38	-35	-31	-26	-16	-1
11	16	6	-11	-18	-18	-25	-34	-34	-29	-26	-28	-26	-11	6	2	4	5	-7	-27
-47	-51	-43	-38	-35	-33	-36	-43	-50	-56	-70	-80	-76	-68	-57	-52	-56	-63	-73	-77
-67	-51	-53	-16	-15	-5	-7	-16	-19	-14	-2	3	5	3	9	17	21	14	22	39
46	48	53	53	56	75	91	92	90	89	83	76	63	39	23	36	52	43	29	22
9	-5	-8	8	22	33	30	23	15	3	1	4	3	1	0	0	2	-11	-26	-28
-11	3	8	11	17	18	15	9	-7	-35	-43	-46	-65	-74	-51	-18	4	9	-2	-22

-54	-76	-80	-63	-43	-17	-4	-9	-15	-36	-54	-41	-14	8	22	41	51	32	10	-18
-39	-35	-31	-34	-28	-12	8	29	58	88	104	80	51	40	41	38	29	34	45	41
35	20	7	6	17	29	35	39	52	64	59	34	5	-13	-17	-16	-21	-34	-44	-41
-20	5	12	13	24	36	33	27	20	8	-14	-31	-41	-40	-24	-19	-23	-9	10	23
36	54	74	78	61	47	35	19	12	17	19	6	-7	-3	11	22	20	1	-11	-2
11	21	25	16	2	-14	-34	-54	-73	-77	-62	-43	-32	-24	-17	-22	-34	-47	-48	-40
-44	-58	-58	-41	-28	-29	-30	-21	-1	15	23	15	6	4	0	-9	-13	-21	-29	-29
-26	-13	2	7	16	25	13	-2	-19	-33	-34	-30	-33	-34	-21	-7	-9	-17	-19	-19
-21	-26	-30	-29	-26	-31	-43	-51	-43	-24	1	29	50	53	39	18	-3	-13	-17	-25
-34	-37	-36	-32	-24	-13	4	16	23	33	47	60	60	52	46	39	35	31	24	23
29	25	25	27	24	11	-7	-22	-33	-42	-46	-46	-42	-37	-33	-32	-37	-38	-42	-40
-23	-8	-6	-10	-11	-7	-1	-1	-3	-5	-10	-11	-10	-8	-3	8	22	27	30	31
26	13	-5	-16	-23	-27	-32	-26	-16	-7	-4	3	20	36	43	36	25	16	12	12
13	17	23	30	27	22	14	0	-3	0	2	-4	-14	-21	-10	-3	8	15	19	22
16	11	5	1	2	8	18	22	16	8	2	-1	2	7	10	11	14	20	21	15
12	13	26	38	41	38	29	24	15	1	-6	-5	-1	2	9	14	14	12	9	6
6	5	5	5	3	2	3	-4	-10	-12	-11	-9	-5	1	7	7	3	-2	-5	-3
1	2	6	8	16	17	9	1	4	0	-7	-9	-1	5	10	10	15	23	31	27
17	8	-1	-10	-19	-31	-31	-20	-12	-2	7	15	16	12	9	6	3	1	-2	-4
-5	-5	-5	-5	-3	2	6	9	11	13	13	10	7	4	2	2	4	0	-5	-7
-3	0	2	4	6	6	5	4	2	-4	-9	-6	-11	-29	-33	-21	-13	-15	-17	-14
-4	-2	-7	-10	-15	-18	-20	-22	-21	-17	-18	-23	-22	-13	-5	-6	-13	-15	-9	-2
2	-4	-6	-1	2	-7	-7	-19	-13	-8	-16	-16	-23	-28	-34	-37	-33	-30	-27	-25
-24	-24	-23	-20	-16	-18	-23	-26	-26	-26	-25	-23	-22	-19	-14	-9	-4	1	3	5
7	8	7	5	3	-1	-9	-14	-9	-2	9	19	27	28	23	19	14	10	8	9
18	30	32	32	32	30	33	41	48	52	49	40	35	32	29	27	30	36	36	32
29	25	20	13	11	14	19	25	25	22	20	15	10	4	-2	-9	-16	-14	-12	-12
-10	-8	-7	-5	-3	-1	1	3	5	6	7	5	1	-3	-4	0	4	8	11	12
14	15	16	17	16	11	6	1	-4	-9	-12	-14	-15	-17	-18	-20	-22	-23	-25	-27
-29	-29	-29	-29	-28	-24	-23	-26	-28	-28	-25	-23	-24	-28	-31	-32	-29	-26	-23	-19
-17	-17	-17	-16	-16	-16	-16	-14	-10	-6	-4	-7	-15	-20	-19	-19	-14	-4	5	7
7	7	8	8	8	9	10	12	13	14	13	13	12	12	13	17	20	23	25	26
25	24	24	23	22	20	17	15	12	10	8	8	8	8	8	9	12	15	18	22
25	28	29	25	21	17	12	15	18	16	15	12	11							

II1135 71.127.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 426 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL. COMP N54E 34 03 46N, 118 24 52W
INSTR PERIOD = 0.0400 SEC DAMPING = 0.436 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -235.9 CM/SEC/SEC AT 11.96 SEC VELO = 30.1 CM/SEC AT 11.88 SEC DISP = 15.8 CM AT 12.40 SEC

2472 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.21585 CM/SEC INITIAL DISP = 0.32299 CM

-8	-10	-20	-30	-20	0	3	-6	-5	-5	-7	-9	-4	9	11	-1	-17	-3	19	16
11	-1	13	2	-28	-18	8	21	8	-21	-4	27	32	-12	-24	0	17	9	-19	-22
15	29	-7	-3	16	17	18	12	15	32	19	-27	-45	-27	0	-4	-60	-81	-36	6
59	57	70	73	16	-25	-61	-25	34	-17	-71	-104	-58	7	28	59	77	37	-30	-41
34	101	46	-64	-149	-137	-80	-49	-35	39	108	114	79	21	-37	-73	-80	-52	-14	7
18	15	29	63	92	125	82	-49	-152	-141	-97	-82	-45	15	63	29	-22	-49	-60	-61
-71	-1	100	126	83	-11	-25	17	89	83	-20	-75	-72	-44	-6	-31	-116	-125	-50	10
30	12	1	41	80	76	25	-57	-115	-116	-46	9	42	87	104	26	-110	-115	60	219
173	12	-101	-105	-98	-129	-177	-165	-101	8	123	148	87	34	15	-2	-28	-3	57	104
87	38	63	125	179	142	6	-136	-172	-149	-115	-79	-45	7	52	62	21	-28	-37	-32
-8	28	44	91	128	146	98	41	31	46	83	104	64	26	-30	-89	-82	-45	-35	1
42	102	149	101	44	-22	-96	-116	-112	-80	-6	41	51	31	47	85	121	164	168	82
-43	-124	-144	-83	14	67	79	67	73	61	-32	-91	-48	28	89	111	77	83	132	159
140	42	-79	-86	-33	19	-13	-111	-98	-28	-58	-108	-58	128	261	247	174	104	84	92
52	-47	-123	-131	-158	-199	-185	-165	-119	-34	42	72	48	46	91	108	76	101	196	263
266	191	-1	-273	-497	-589	-482	-180	159	353	429	404	434	490	425	169	-211	-479	-573	-516
-230	33	59	-70	-180	-182	-168	-186	-103	165	586	1078	1456	1386	920	198	-474	-739	-692	-722
-937	-1211	-1320	-1112	-753	-509	-489	-565	-470	0	750	1488	2077	2194	1848	1314	849	415	-250	-992
-1631	-2002	-1905	-1386	-810	-491	-486	-688	-816	-706	-390	208	957	1505	1687	1446	1291	1299	1136	612
-170	-961	-1599	-1780	-1533	-1176	-847	-844	-931	-1025	-942	-625	-91	444	889	1191	1272	1052	655	384
203	166	171	149	-33	-349	-559	-620	-540	-554	-764	-1038	-1267	-1166	-659	-43	589	1196	1630	1738
1531	1135	797	553	387	126	-266	-567	-719	-721	-550	-303	-154	-145	-148	-39	141	356	569	625
521	300	68	-178	-361	-335	-237	-114	-30	-48	-105	-257	-352	-316	-215	-230	-369	-580	-644	-336
190	455	195	-314	-812	-1042	-925	-238	-145	119	284	463	704	932	978	699	100	-527	-813	-609
-192	84	122	-69	-303	-360	-180	141	479	657	628	535	538	621	815	947	883	568	209	-86
-184	5	387	810	1047	1107	978	643	248	-123	-372	-414	-295	26	352	429	333	252	107	-133
-336	-408	-457	-449	-212	317	915	1341	1518	1342	824	128	-519	-1083	-1383	-1423	-1383	-1270	-1141	-1028
-930	-774	-531	-222	20	121	232	374	563	756	891	1015	1070	947	657	157	-214	-408	-494	-501
-583	-818	-1087	-1105	-750	26	841	1468	1698	1652	1544	1418	1226	950	553	8	-415	-734	-794	-572
-154	194	373	473	496	523	620	738	806	729	573	435	436	398	71	-668	-1461	-2188	-2359	-2148
-1609	-1030	-570	-276	-30	68	160	443	775	1003	1051	850	497	61	-402	-815	-1076	-1350	-1601	-1874
-2203	-2286	-2225	-1944	-1295	-760	-496	-251	40	351	577	652	664	646	566	389	109	-129	-268	-386
-515	-672	-771	-749	-579	-278	97	370	548	684	664	512	187	-78	-111	30	220	361	489	582
579	506	424	343	240	170	143	211	393	640	838	997	1033	916	631	254	-227	-684	-932	-951
-767	-463	-198	-61	-2	25	41	74	92	57	-25	-164	-280	-295	-189	-2	137	154	83	-13
-169	-276	-297	-285	-309	-361	-392	-356	-249	-173	-153	-185	-216	-245	-227	-146	-63	-3	50	77
107	123	172	272	418	583	720	815	851	850	830	797	699	506	244	-8	-170	-211	-182	-183
-165	-115	8	187	371	467	533	630	742	810	802	695	538	388	314	258	208	125	84	76
40	-85	-275	-550	-769	-885	-876	-757	-543	-269	-54	73	70	1	-56	-118	-185	-216	-246	-302
-380	-390	-348	-303	-235	-152	-62	7	19	-18	-76	-118	-123	-100	-44	23	61	90	116	130

150	168	181	203	218	187	97	-12	-55	0	100	200	251	277	313	398	478	581	655	663
595	485	323	206	146	156	256	352	393	341	232	96	-23	-100	-141	-173	-201	-238	-279	-292
-257	-147	-2	87	124	82	-31	-191	-384	-531	-642	-702	-691	-633	-565	-533	-489	-467	-428	-393
-325	-235	-178	-144	-182	-246	-319	-370	-393	-372	-289	-211	-169	-126	-86	-40	-17	-20	-8	35
84	94	59	25	46	128	240	301	299	245	95	-48	-119	-123	-115	-119	-123	-74	29	139
218	265	291	317	298	244	186	151	144	118	79	28	-7	-39	-47	-41	-61	-126	-219	-290
-310	-262	-203	-171	-124	-39	86	168	196	176	114	26	-58	-109	-149	-214	-304	-346	-314	-237
-154	-55	33	94	119	123	121	141	181	242	304	350	390	433	471	432	349	252	164	87
35	27	59	90	126	163	203	214	200	188	201	230	244	218	185	188	231	292	336	341
301	203	91	1	-85	-165	-209	-245	-254	-258	-250	-205	-115	-48	-34	-66	-107	-138	-160	-190
-218	-215	-204	-233	-311	-388	-424	-451	-477	-507	-537	-532	-484	-422	-393	-429	-479	-487	-390	-226
-83	-3	43	59	57	63	38	-9	-24	-18	-3	45	116	203	287	345	363	350	335	315
292	264	221	171	134	115	130	219	331	422	458	450	433	405	369	316	285	294	305	322
317	293	257	200	153	135	104	48	-16	-42	-45	0	73	138	135	90	21	-31	-49	-12
68	146	151	77	-61	-223	-377	-471	-522	-550	-573	-585	-568	-505	-405	-253	-124	-45	-10	-17
-44	-77	-83	-52	-8	29	59	91	85	28	-65	-131	-143	-112	-80	-73	-91	-93	-34	88
238	370	450	462	399	303	206	140	98	28	-57	-120	-141	-102	-49	-1	33	48	24	-43
-137	-194	-183	-122	-49	18	59	72	79	74	50	0	-85	-198	-319	-427	-509	-549	-544	-511
-445	-361	-280	-220	-193	-206	-236	-258	-252	-230	-210	-224	-274	-317	-322	-286	-225	-166	-132	-111
-89	-52	-8	20	34	59	113	192	261	304	329	343	355	376	380	359	307	241	157	96
79	102	148	237	345	453	540	599	620	605	540	444	352	272	205	153	135	161	207	241
255	228	171	91	17	-49	-100	-132	-120	-81	-43	-9	11	13	6	-16	-58	-111	-169	-225
-274	-310	-330	-341	-342	-332	-320	-319	-324	-315	-288	-240	-194	-166	-141	-115	-117	-153	-196	-203
-166	-93	-29	10	25	42	66	112	156	176	155	129	113	106	114	142	166	171	160	157
182	220	245	247	237	231	233	241	243	253	291	344	381	393	380	346	295	239	183	127
72	29	-8	-49	-91	-141	-185	-219	-239	-249	-255	-257	-260	-260	-253	-232	-177	-101	-18	25
17	-55	-169	-288	-395	-473	-507	-480	-398	-303	-239	-203	-169	-134	-97	-80	-90	-103	-106	-75
-9	59	105	121	104	76	31	-11	-27	-7	32	67	71	58	51	64	103	149	191	238
287	335	365	372	351	302	243	199	162	123	73	22	-11	-25	5	64	101	101	76	58
61	73	77	66	33	-25	-86	-123	-116	-88	-70	-67	-90	-128	-189	-260	-342	-408	-435	-416
-360	-303	-246	-189	-136	-102	-73	-44	-4	23	32	16	-19	-54	-69	-53	-26	-20	-39	-88
-142	-180	-199	-194	-160	-109	-55	-11	30	89	178	284	371	401	388	366	344	317	264	165
65	-15	-72	-89	-95	-108	-130	-145	-134	-94	-31	52	125	169	175	161	143	144	143	126
85	33	-24	-93	-162	-214	-247	-276	-298	-306	-310	-298	-270	-216	-152	-93	-49	-20	-10	-21
-41	-60	-71	-56	-37	-31	-41	-70	-102	-115	-102	-70	-42	-24	7	38	79	133	185	210
202	165	126	103	97	115	144	168	192	219	233	218	175	131	100	73	69	86	106	126
142	142	129	100	86	84	85	74	34	-20	-58	-78	-72	-48	-28	-14	8	29	30	-10
-78	-142	-182	-182	-167	-153	-144	-130	-117	-102	-89	-81	-84	-95	-117	-128	-125	-108	-97	-77
-33	10	41	54	61	67	70	64	58	74	116	148	175	200	218	226	229	228	227	226
230	230	225	218	213	213	221	232	240	230	208	187	169	155	152	152	150	135	104	79
52	35	34	36	32	22	2	-24	-58	-82	-87	-83	-78	-91	-119	-145	-165	-178	-186	-175
-158	-141	-146	-163	-195	-234	-286	-347	-387	-383	-343	-300	-283	-277	-273	-268	-264	-267	-269	-263
-246	-219	-219	-202	-170	-141	-118	-105	-81	-49	-15	16	38	52	58	53	45	39	42	52
62	70	84	111	140	151	113	48	3	-12	-24	-39	-50	-45	-26	1	16	22	22	20
10	-4	-15	-8	4	10	11	9	2	-15	-38	-60	-80	-98	-114	-113	-97	-72	-61	-59
-61	-64	-72	-69	-35	18	71	107	124	122	103	75	50	27	8	6	22	49	84	107
123	134	145	157	171	187	202	216	233	263	297	337	366	384	388	370	339	317	295	287
279	262	232	196	157	121	96	82	74	73	73	68	55	55	36	12	-9	-15	-13	-4
-1	0	-6	-26	-45	-63	-82	-99	-123	-157	-195	-230	-253	-256	-255	-255	-255	-253	-255	-271
-303	-324	-296	-223	-149	-82	-38	-33	-51	-63	-72	-89	-125	-159	-179	-158	-87	-20	4	-10

-57	-116	-161	-170	-113	-12	99	198	262	289	288	262	209	163	139	106	67	49	48	61
65	40	0	-5	23	59	81	88	93	109	134	134	84	-2	-100	-188	-253	-277	-245	-200
-170	-158	-161	-182	-216	-258	-274	-249	-206	-169	-132	-91	-68	-70	-96	-137	-190	-236	-252	-258
-249	-223	-184	-132	-77	-52	-69	-104	-146	-167	-149	-110	-62	-29	5	52	112	149	145	122
100	91	92	109	144	172	200	208	201	186	179	195	217	215	181	142	132	176	226	247
263	280	309	342	364	349	297	229	160	98	63	42	41	45	53	57	57	58	55	33
-5	-33	-31	-8	26	57	77	83	82	78	63	41	13	-40	-111	-179	-230	-253	-251	-248
-241	-213	-156	-71	-17	-8	-30	-64	-106	-136	-142	-128	-105	-77	-47	-16	3	-9	-50	-104
-156	-164	-132	-76	-28	3	13	22	25	29	30	33	40	52	53	49	46	43	38	31
31	36	44	45	45	45	50	53	46	43	41	20	-15	-34	-43	-45	-44	-41	-26	-10
-10	-16	-13	5	36	63	62	43	18	3	-1	2	8	11	-3	-22	-37	-39	-30	-23
-19	-19	-4	28	54	66	62	58	52	43	25	9	-7	-18	-18	-8	3	9	17	24
24	24	22	20	31	53	78	92	93	94	92	87	84	83	77	72	56	32	-1	-28
-40	-42	-29	-6	8	14	11	2	-17	-31	-48	-47	-31	-19	-3	13	34	62	81	98
104	86	46	-22	-78	-96	-68	-61	-30	-19	-24	-34	-42	-36	-21	-13	-10	-16	-20	-13
1	9	10	4	-7	-25	-51	-92	-132	-165	-181	-183	-175	-152	-120	-84	-53	-26	-7	2
-2	-13	-33	-64	-97	-116	-123	-117	-101	-86	-80	-92	-109	-114	-111	-109	-104	-96	-84	-69
-54	-39	-27	-17	-12	-19	-32	-38	-40	-48	-51	-48	-44	-33	-12	16	47	70	77	72
62	50	36	21	6	4	20	45	72	94	118	128	124	117	103	94	91	93	99	106
111	110	105	89	63	41	29	24	28	39	52	53	53	55	46	35	23	18	16	10
-13	-35	-39	-29	-23	-20	-25	-23	-27	-27	-24	-17	-9	-16	-20	-18	-19	-27	-20	-6
15	13	-4	-29	-63	-98	-115	-109	-81	-48	-15	16	35	41	36	23	12	-2	-13	-17
4	51	103	144	151	131	107	75	38	6	-5	10	37	66	94	117	130	136	135	130
127	122	112	99	96	107	127	139	149	144	127	100	65	36	10	-7	-12	-7	2	12
29	47	65	68	54	36	13	-14	-40	-61	-76	-78	-69	-47	-34	-32	-47	-76	-111	-141
-163	-162	-153	-139	-119	-95	-73	-53	-43	-59	-87	-112	-130	-144	-157	-159	-142	-121	-101	-82
-64	-46	-36	-42	-48	-45	-40	-32	-24	-16	-6	2	0	-4	-11	-18	-29	-42	-58	-66
-49	-22	9	39	60	63	53	42	38	40	39	30	19	9	-2	-13	-28	-38	-39	-36
-32	-29	-31	-39	-46	-43	-29	-11	10	29	32	24	16	14	14	15	16	8	-7	-22
-40	-51	-55	-55	-52	-49	-43	-33	-22	-11	-3	5	10	16	23	32	37	32	31	31
40	53	65	63	48	33	23	18	17	23	35	51	64	66	71	76	84	87	86	82
78	77	75	65	47	28	12	5	3	1	-9	-21	-27	-28	-27	-15	3	19	34	47
56	59	57	52	45	34	27	21	8	-8	-28	-45	-58	-65	-68	-72	-75	-74	-63	-50
-37	-17	4	28	49	60	60	55	50	39	26	19								

111135 71.127.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 426 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.534

EPICENTER 34 24 00N, 118 23 42W
 COMP S36E 34 03 46N, 118 24 52W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -210.1 CM/SEC/SEC AT 8.02 SEC VELO = 16.0 CM/SEC AT 7.62 SEC DISP = -6.1 CM AT 14.06 SEC

INITIAL VELO = -0.52560 CM/SEC INITIAL DISP = -0.38537 CM

2472 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

15	23	30	38	42	40	16	-24	-47	-48	-27	-7	-9	-7	0	17	52	68	52	14
-4	9	8	-20	-50	-71	-60	-39	-23	1	17	37	98	136	139	106	36	-28	-101	-146
-140	-143	-114	-48	45	140	150	99	87	112	96	32	-35	-89	-135	-167	-152	-84	-11	50
109	120	121	142	139	114	62	-1	-73	-142	-207	-261	-238	-110	-133	172	241	279	301	245
110	-13	-72	-129	-175	-149	-147	-144	-110	-4	138	230	228	205	163	71	-7	-72	-120	-124
-108	-188	-249	-250	-181	-13	192	317	312	215	107	37	-11	-78	-63	-46	-136	-258	-186	-2
78	79	107	177	236	191	58	-63	-122	-136	-101	-16	0	-53	-92	-91	-67	-11	130	273
264	120	-23	-100	-128	-100	-87	-103	-100	-140	-183	-170	-70	69	147	179	201	129	-15	-110
-87	-29	-26	-40	-46	-91	-135	-75	40	121	119	109	138	132	93	28	-62	-116	-99	-97
-155	-213	-187	-125	-50	54	112	77	11	-33	-85	-58	24	32	-62	-114	-76	-61	-78	-55
-30	45	132	146	112	64	17	-9	-39	-89	-73	-34	-14	15	14	-10	-26	-26	-15	-12
72	170	194	84	-20	-45	-86	-132	-138	-178	-166	-21	89	72	10	-5	28	91	138	127
36	-81	-195	-280	-279	-193	-87	-5	45	44	46	89	132	145	189	200	120	-12	-120	-169
-199	-160	-80	55	188	172	123	97	51	75	56	-26	-114	-173	-187	-141	-6	119	149	75
17	43	88	138	140	45	-84	-171	-203	-296	-286	-102	-15	-7	22	66	96	145	189	101
-59	-224	-340	-384	-293	-133	10	163	367	507	502	481	434	266	30	-34	-102	-289	-358	351
-386	-457	-356	-59	243	527	831	1012	922	683	502	481	434	266	30	-34	-102	-289	-358	351
-202	278	658	940	984	882	787	757	640	265	-407	-980	-1177	-1112	-1068	-1139	-1281	-1276	-1029	-616
1516	1896	2042	1738	874	-177	-716	-846	-777	-593	-337	-162	-120	-76	98	-1074	-868	-259	529	1056
939	137	-750	-1397	-1850	-1963	-1740	-1430	-1045	-508	113	475	712	925	1100	446	894	1317	1592	1496
-2015	-2101	-1747	-1044	-127	501	904	1083	1113	1086	1059	1110	1084	821	345	-362	-1047	-1354	-1309	-903
-272	419	959	1389	1569	1352	870	243	-330	-580	-538	-505	-552	-583	-555	-537	-457	-264	-25	205
418	505	311	-123	-697	-1181	-1290	-1042	-554	-87	297	480	394	121	-40	21	306	648	850	803
584	239	-124	-249	-167	8	321	523	547	506	638	786	781	567	380	317	262	96	-137	-285
-480	-801	-1129	-1300	-1233	-803	-209	369	765	849	662	404	124	-117	-316	-435	-606	-821	-993	-1068
-1023	-964	-795	-528	-227	79	498	926	1242	1420	1233	776	229	-192	-422	-574	-482	-125	126	42
-234	-277	76	654	1258	1759	1872	1468	821	76	-582	-1072	-1300	-1309	-1164	-824	-446	-271	-287	-236
80	520	938	1170	1082	753	148	-579	-1170	-1621	-1798	-1701	-1155	-326	305	577	475	344	232	211
197	190	155	68	-43	-228	-455	-601	-484	-74	393	636	611	448	135	-27	-197	-286	-350	-363
-249	-129	-28	34	81	63	-32	-147	-184	-92	91	337	518	487	225	-68	-197	-519	-646	-594
-458	-324	-276	-335	-336	-267	8	413	858	1258	1338	1252	902	358	-142	-417	-507	-593	-575	-587
-557	-635	-724	-635	-315	41	372	533	615	572	532	563	524	415	175	-108	-341	-510	-681	-924
-1167	-1144	-906	-616	-344	-43	395	819	1073	1143	1079	884	583	215	-148	-415	-563	-649	-644	-538
-336	-77	194	562	1027	1379	1370	1044	704	374	28	-265	-527	-738	-886	-872	-641	-330	-37	188
374	601	744	759	605	334	-37	-367	-622	-782	-862	-800	-619	-361	-128	91	278	374	442	468
401	323	282	241	165	198	209	241	273	307	317	390	554	702	762	681	567	406	197	55
-8	17	59	109	165	173	124	72	16	-8	1	26	35	-10	-83	-202	-407	-609	-673	-555
-360	-189	-169	-181	-192	-267	-350	-423	-450	-424	-383	-342	-323	-350	-369	-346	-237	-1	305	529
636	633	505	346	219	84	24	85	193	249	188	32	-161	-288	-267	-133	7	134	223	256
237	160	29	-83	-152	-156	-100	-64	-122	-235	-397	-542	-619	-630	-595	-558	-519	-456	-365	-231

-93	-29	-42	-131	-215	-233	-206	-211	-203	-196	-252	-315	-325	-263	-139	20	188	308	348	300
214	99	17	31	84	152	190	163	91	61	75	135	222	327	359	288	168	71	9	-30
-15	32	105	186	224	192	110	30	-13	-44	-83	-168	-271	-309	-263	-169	-107	-74	-29	44
110	138	176	211	196	151	82	12	-51	-57	56	228	378	476	527	540	494	410	326	283
238	174	128	94	57	33	30	73	165	263	338	351	258	156	50	-75	-196	-313	-417	-511
-566	-550	-448	-288	-114	22	79	60	-75	-260	-435	-531	-551	-556	-543	-521	-505	-474	-395	-282
-147	26	200	335	429	428	292	97	-68	-151	-176	-162	-80	19	69	78	75	97	174	292
392	440	399	268	123	-9	-131	-229	-234	-308	-270	-222	-175	-108	-62	-63	-93	-105	-103	-111
-140	-135	-104	-81	-94	-101	-96	-81	-29	45	87	70	7	-46	-50	-7	60	158	269	406
513	533	492	403	303	223	173	156	159	157	143	152	187	210	228	251	301	373	408	363
231	29	-124	-185	-183	-133	-95	-81	-104	-147	-198	-266	-322	-352	-325	-270	-243	-270	-353	-441
-470	-399	-272	-149	-47	19	36	-2	-38	-66	-95	-129	-158	-152	-144	-153	-153	-114	-18	120
253	367	432	441	388	289	166	51	-33	-71	-81	-75	-69	-55	-10	64	133	179	196	188
163	118	21	-96	-205	-266	-284	-254	-203	-150	-98	-44	1	14	-6	-22	-19	-21	-61	-124
-165	-175	-159	-108	-18	80	159	222	271	299	270	213	171	148	134	127	133	126	106	88
87	109	150	214	268	297	274	221	153	98	50	24	17	24	51	90	110	109	82	41
32	49	77	105	98	51	-5	-76	-135	-145	-132	-84	-23	2	-6	-35	-83	-139	-183	-219
-226	-188	-140	-86	-76	-131	-190	-213	-190	-109	-34	23	29	-41	-145	-218	-255	-263	-251	-233
-211	-170	-124	-87	-68	-57	-30	15	46	49	38	-2	-56	-97	-127	-133	-85	-14	77	159
209	231	216	193	171	147	107	52	-8	-44	-50	-24	8	50	54	65	59	37	1	-34
-55	-54	-55	-59	-48	-6	35	56	34	-2	-60	-136	-166	-157	-142	-140	-153	-158	-164	-153
-105	-20	65	149	176	147	68	-37	-103	-107	-63	-5	65	116	162	175	158	140	146	207
258	255	186	83	-11	-64	-50	7	87	113	261	296	275	200	113	35	-16	-59	-113	-168
-218	-249	-261	-239	-144	-12	85	159	205	193	124	22	-69	-114	-127	-117	-86	-58	-48	-45
-27	10	39	63	69	58	41	2	-52	-124	-194	-215	-169	-97	65	169	209	244	261	249
200	125	51	-5	-75	-146	-223	-272	-259	-270	-189	-84	-3	44	83	109	116	102	50	-6
-42	-73	-100	-118	-116	-89	-50	5	62	102	120	106	82	61	47	39	34	44	45	23
-10	-47	-55	-30	23	84	136	150	127	73	24	-6	-30	-48	-67	-87	-110	-156	-216	-254
-266	-235	-192	-156	-108	-86	103	-127	-128	-99	-72	-62	-70	-96	-132	-159	-164	-135	-69	0
55	98	123	140	142	144	136	125	106	84	62	49	46	47	50	61	84	103	123	127
111	67	29	2	-21	-28	-31	-38	-45	-50	-31	14	66	93	79	56	21	-22	-65	-91
-102	-99	-81	-66	-59	-49	-28	-1	45	93	127	147	122	71	11	-6	-2	-1	-7	-6
11	33	28	12	-2	-12	1	32	43	16	-26	-57	-81	-96	-104	-97	-75	-56	-56	-63
-72	-61	-42	-30	-26	-35	-52	-54	-40	-19	4	31	44	53	56	56	69	93	109	115
96	68	38	19	5	0	16	47	74	105	131	150	149	131	98	59	23	4	2	6
12	6	2	3	31	81	125	155	157	129	97	55	14	-15	-21	-4	27	55	76	81
94	123	149	176	173	145	83	26	-12	-44	-61	-69	-48	-14	1	9	7	-3	-9	-13
-17	-31	-59	-76	-81	-72	-72	-77	-71	-64	-65	-88	-117	-139	-140	-127	-112	-104	-117	-146
-151	-131	-88	-42	18	58	84	69	30	-21	-48	-54	-54	-52	-52	-50	-41	-28	-20	-18
-9	7	16	20	31	39	24	-2	-29	-37	-28	4	36	64	52	27	5	-13	-23	-24
-15	0	-2	-3	15	44	58	74	83	89	88	77	51	18	-7	-24	-40	-54	-53	-36
0	22	26	31	38	28	-1	-27	-57	-92	-113	-118	-120	-116	-96	-66	-29	-16	-17	-29
-38	-34	-38	-46	-56	-55	-42	-27	-13	-4	10	30	48	50	26	-10	-38	-53	-61	-76
-84	-73	-46	-21	-2	17	30	25	7	-16	-38	-65	-86	-111	-147	-182	-210	-221	-195	-146
-97	-60	-55	-54	-59	-65	-86	-98	-103	-95	-80	-73	-65	-44	-16	19	61	91	118	139
142	130	122	114	116	125	146	165	180	187	187	187	187	192	195	194	191	172	154	133
117	111	106	95	76	55	27	-2	-21	-30	-26	-15	-14	-17	-20	-30	-43	-54	-53	-40
-17	5	19	26	34	36	44	69	82	83	72	59	47	37	30	30	35	47	63	78
96	117	141	158	173	186	182	143	88	35	-6	-23	-31	-44	-51	-34	-11	0	-8	-32
-63	-97	-128	-163	-199	-224	-238	-233	-214	-182	-157	-158	-147	-104	-59	-21	-8	-10	-19	-47

111135 71.127.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 426 1800 CENTURY PARK EAST, 5TH FLOOR, LOS ANGELES, CAL.
 INSTR. PERIOD = 0.0420 SEC DAMPING = 0.453 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 46N, 118 24 52W

PEAK VALS ACCLN = -152.5 CM/SEC/SEC AT 8.36 SEC VELO = 8.2 CM/SEC AT 8.30 SEC DISP = -2.7 CM AT 12.44 SEC

INITIAL VELO = -1.04347 CM/SEC INITIAL DISP = -0.28865 CM

2472 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-64	115	150	112	120	191	195	27	-218	-337	-236	9	126	83	79	116	168	105	14	22
-5	-30	-15	32	69	-69	-168	-150	-95	-101	-196	-137	140	385	484	414	286	64	-254	-530
-569	-414	-217	21	266	442	525	500	361	58	-314	-533	-484	-249	47	112	24	-165	-172	154
426	391	93	-275	-277	5	162	35	8	65	6	-133	-132	-73	-135	-211	-50	302	345	218
51	-185	-465	-633	-422	-38	241	421	486	482	288	-144	-577	-600	-227	99	239	297	314	217
83	98	77	-78	-316	-423	-188	-10	-87	-86	70	130	34	-63	47	165	87	-116	-176	-27
138	133	55	-78	-166	-124	-6	14	43	22	76	127	133	115	37	-128	-306	-379	-275	-41
165	200	168	142	120	113	130	23	-162	-223	-97	134	289	132	-115	-209	-137	-6	41	-36
-147	-150	-14	253	382	273	118	-29	-194	-386	-474	-314	42	386	493	339	158	19	-113	-195
-141	-25	23	98	201	187	65	-153	-323	-350	-255	1	273	428	434	166	-188	-421	-463	-367
-317	-196	54	197	369	581	633	421	-112	-573	-645	-317	188	422	518	609	519	73	-439	-672
-551	-364	-154	91	242	290	240	107	-50	-179	-328	-384	-258	-33	161	187	172	220	154	-70
-159	-22	146	81	-143	-220	-103	68	164	24	-267	-381	-339	-268	-168	111	464	601	465	117
-362	-708	-729	-567	-141	332	649	796	633	336	-8	-387	-576	-545	-284	45	206	270	242	225
-53	-541	-653	-265	310	707	769	612	188	-439	-880	-858	-351	207	526	562	340	43	-253	-403
-473	-454	-370	-43	423	731	820	524	-71	-572	-811	-773	-666	-325	181	715	1110	1214	1040	448
-399	-995	-1205	-1135	-906	-353	284	835	955	608	203	-72	-180	-166	-221	-250	-102	-65	-132	-56
17	117	73	84	327	476	270	7	-58	-82	-365	-481	-486	-356	-268	-93	98	390	412	371
386	574	614	443	198	-89	-205	-333	-322	-53	55	27	-26	7	293	550	508	181	-316	-732
-749	-493	-176	150	466	819	1136	998	534	-70	-576	-760	-927	-937	-584	-228	91	341	463	548
292	95	33	291	367	-160	-720	-849	-453	105	531	811	964	1039	808	156	-672	-1344	-1525	-1338
-755	189	925	1370	1296	939	276	-488	-1001	-1325	-1184	-821	-246	255	479	620	519	177	-244	-445
-356	-123	-23	8	15	25	-104	-215	-281	-308	-126	282	732	846	642	309	95	1	-100	-130
-136	82	435	607	464	139	-201	-399	-427	-309	20	315	388	383	150	-133	-250	-216	-179	-235
-329	-279	-155	43	209	279	191	42	-4	-36	-137	-284	-426	-336	-221	-241	-260	-175	118	330
329	161	7	-1	56	-3	-58	-102	-78	-170	-246	-303	-167	-42	151	454	604	517	144	-359
-678	-746	-652	-360	-108	124	375	291	44	-259	-425	-353	-138	36	161	221	303	265	124	-102
-282	-283	-160	179	524	736	779	452	10	-381	-591	-518	-280	110	246	154	79	-75	-162	-265
-236	143	279	300	163	49	-42	-137	-252	-379	-322	-104	-72	45	13	-70	-224	-293	-196	-170
-114	-16	136	283	247	198	75	-30	-128	-254	-323	-475	-529	-407	-195	165	526	712	637	482
367	304	247	156	165	139	138	113	71	162	172	96	-70	-238	-368	-413	-250	-135	-45	23
204	399	679	751	573	297	67	-148	-226	-277	-204	-128	-28	77	112	73	47	34	-5	-60
-157	-113	-46	34	70	0	-46	-11	90	129	153	132	95	-18	-186	-284	-375	-501	-501	-314
-21	222	370	391	214	-108	-369	-475	-414	-253	63	193	261	293	103	-60	-131	-69	16	-15
62	193	358	322	223	213	130	54	-113	-163	-90	25	137	158	159	200	167	103	151	95
35	-91	-146	-23	39	174	125	-37	-61	-139	-192	-310	-428	-346	-157	83	278	221	95	-83
-248	-325	-340	-280	-203	-119	-31	36	113	55	-64	-157	-258	-314	-250	-68	220	427	462	296
59	-126	-236	-260	-242	-180	-108	-71	-32	16	43	37	55	79	143	169	133	24	-83	-180
-257	-207	-84	72	218	276	251	162	55	-32	-51	-48	-57	-47	-31	65	196	245	235	156
40	-66	-148	-214	-305	-338	-329	-246	-93	13	84	86	7	-86	-154	-206	-194	-127	-53	0

24	-11	-71	-89	-67	-11	91	180	285	295	242	163	64	-28	-95	-132	-130	-57	1	26
2	-10	19	70	89	82	65	69	111	101	61	44	52	117	183	154	79	-13	-76	-54
-17	11	24	34	60	82	60	35	38	69	110	93	22	-51	-123	-178	-178	-105	-6	78
102	94	66	7	-84	-144	-169	-147	-95	-9	89	136	142	74	-59	-156	-154	-54	60	129
159	149	73	0	-53	-84	-77	-64	-60	-54	-16	28	79	108	138	199	174	93	27	-6
8	30	-12	-42	-35	-5	73	134	140	103	29	-49	-118	-162	-145	-75	0	32	15	-29
-62	-98	-130	-135	-161	-176	-115	-52	18	70	65	45	-6	-66	-82	-74	-27	40	107	152
143	101	24	-39	-49	-62	-76	-100	-141	-160	-160	-173	-157	-83	-1	47	39	-8	-81	-106
-75	12	132	208	246	233	145	67	28	18	5	-3	14	51	90	96	50	-12	-65	-103
-109	-67	11	92	154	195	212	157	42	-48	-89	-105	-103	-64	-7	48	84	84	107	158
136	62	-31	-104	-148	-161	-105	-18	71	106	127	129	105	64	6	-38	-63	-84	-90	-79
-49	-13	30	60	61	34	1	-31	-70	-87	-69	-48	-74	-122	-140	-106	-47	-3	14	38
46	44	20	-39	-87	-95	-65	-52	-74	-116	-153	-165	-150	-82	-12	16	-21	-76	-109	-150
-198	-202	-178	-122	-78	-73	-78	-78	-84	-92	-108	-117	-96	-54	-17	5	14	3	-11	-3
2	25	58	86	71	38	34	87	152	202	215	191	157	142	147	163	177	168	127	97
95	100	82	64	89	147	172	155	113	86	80	70	67	81	104	132	151	141	103	38
-21	-76	-111	-107	-91	-49	12	61	66	27	-23	-63	-87	-112	-128	-116	-82	-44	-8	23
44	51	42	0	-50	-90	-105	-79	-76	-63	-33	-10	-1	-32	-70	-98	-108	-81	-7	51
58	30	-2	7	26	32	16	0	18	74	133	164	168	149	96	20	-53	-90	-64	-13
40	84	98	103	79	28	-27	-82	-115	-109	-84	-56	-27	-6	16	37	15	-22	-48	-39
-7	11	29	64	75	36	-7	-33	-45	-50	-51	-45	-54	-56	-46	-26	7	30	27	-4
-41	-76	-96	-104	-87	-57	-32	-10	21	50	58	42	1	-59	-102	-110	-76	-19	33	72
108	132	130	100	32	-38	-71	-64	-38	-36	-35	-17	18	53	74	78	69	41	18	9
-12	-51	-95	-113	-95	-63	-41	-18	-2	-2	-21	-60	-114	-143	-138	-107	-64	-29	3	28
32	7	-1	6	6	1	-17	-35	-39	-4	23	5	-26	-54	-57	-38	-7	12	6	-17
-34	-17	-7	1	28	35	41	40	31	16	5	41	82	111	119	97	91	80	42	10
-35	-59	-62	-19	57	150	216	206	129	36	-13	-42	-55	-40	2	55	86	95	66	-14
-83	-124	-145	-159	-174	-168	-115	-53	-21	-21	-34	-33	-26	-27	-59	-104	-136	-140	-108	-60
-29	-21	-52	-78	-80	-73	-51	-23	-9	18	52	71	63	15	-35	-52	-38	-6	30	54
63	52	40	39	38	42	47	62	81	100	110	106	91	62	13	-10	7	56	102	115
103	70	29	1	-3	6	23	46	56	52	29	3	-20	-36	-45	-38	-17	-2	7	18
-28	27	26	31	42	64	95	113	105	51	-20	-80	-109	-100	-67	-34	-14	-7	-11	-23
-36	-62	-85	-94	-83	-44	0	34	44	32	13	-26	-72	-98	-111	-94	-61	-18	28	52
45	-5	-52	-57	-26	15	52	80	102	104	89	82	75	72	70	67	64	64	58	41
29	38	49	51	55	56	54	56	63	65	61	68	87	99	94	69	16	-40	-87	-101
-67	-13	41	84	108	107	73	11	-67	-120	-131	-109	-67	-29	3	21	23	7	-11	-26
-46	-62	-70	-57	-28	-5	9	21	22	-4	-34	-52	-58	-48	-28	-3	2	-24	-47	-50
-55	-69	-80	-58	-5	50	69	45	17	-34	-107	-148	-160	-121	-39	21	79	110	101	14
-121	-196	-163	-116	-82	-43	27	70	36	-42	-88	-92	-110	-149	-141	-84	-42	-34	-65	-83
-90	-107	-93	-21	52	76	31	-36	-102	-169	-206	-173	-70	55	132	141	103	19	-49	-109
-149	-131	-61	31	121	173	179	138	71	23	-21	-44	-38	14	100	145	139	86	37	26
35	68	97	122	138	132	107	71	41	31	58	111	132	138	144	144	126	99	79	68
82	95	94	63	2	-48	-57	-19	42	94	109	95	57	2	-68	-124	-113	-75	-39	-17
-2	10	12	7	-14	-23	-16	-8	-5	-11	-25	-35	-39	-40	-33	-38	-50	-49	-23	13
20	3	-46	-99	-124	-115	-87	-55	-25	4	15	3	-15	-17	-13	-13	-10	-15	-12	-7
5	18	12	-1	-12	-30	-49	-65	-56	-34	-16	2	3	-13	-28	-39	-51	-62	-76	-88
-83	-65	-33	-4	17	-29	29	-10	-53	-80	-85	-81	-65	-36	0	31	43	21	-7	-41
-62	-56	-30	7	64	116	155	151	112	56	8	-20	-27	-19	10	57	106	128	109	69
15	-33	-65	-67	-47	-6	41	92	132	121	75	21	-29	-68	-64	-34	2	41	78	96
103	82	32	-18	-55	-65	-55	-30	2	23	34	11	-35	-74	-90	-90	-96	-92	-66	-43

-21	4	18	10	-21	-63	-79	-66	-58	-62	-71	-47	19	77	83	46	6	-31	-59	-85
-100	-72	-21	30	68	91	97	83	44	4	-35	-61	-67	-31	38	96	120	115	84	36
-15	-51	-34	14	65	96	106	108	107	94	59	8	-35	-40	-25	18	45	45	53	61
57	35	3	-15	8	53	100	113	67	11	-50	-75	-67	-38	-5	30	71	81	68	46
13	0	1	-7	-13	-17	5	37	53	42	9	-31	-66	-75	-50	-13	12	28	35	46
44	3	-46	-95	-124	-126	-113	-91	-61	-25	12	35	30	0	-53	-90	-106	-105	-75	-43
-3	27	29	29	15	-14	-47	-72	-66	-34	4	39	57	52	33	-3	-28	-25	-20	-16
8	44	53	39	14	-11	-44	-68	-69	-44	-9	21	41	33	7	-15	-31	-45	-59	-55
-39	-26	-21	-12	-11	-19	-33	-49	-56	-43	-13	27	58	70	53	16	-18	-41	-57	-59
-49	-33	-8	37	71	82	62	23	-11	-33	-29	-8	17	43	68	82	70	43	22	3
-5	8	31	50	51	38	16	-16	-55	-87	-92	-74	-35	8	15	-10	-37	-62	-72	-75
-53	-13	24	43	44	37	17	-14	-42	-49	-35	-8	21	39	41	41	49	52	44	23
4	-19	-43	-50	-37	-21	-12	-9	2	8	10	8	1	-5	1	10	18	21	20	20
21	20	20	20	20	19	13	13	-7	-3	6	11	6	-3	-3	5	13	14	9	1
-5	-2	4	3	-1	-4	8	24	39	44	36	17	-6	-19	-15	2	26	44	36	25
15	11	30	44	42	33	17	0	-9	-13	-17	-11	3	17	31	35	34	27	13	-5
-28	-45	-41	-27	-2	19	31	23	5	-15	-25	-24	-16	6	18	12	3	-14	-23	-17
-8	1	-5	-13	-14	-11	-14	-27	-38	-33	-21	1	10	11	5	-11	-24	-24	-21	-11
-1	6	5	-5	-22	-43	-67	-71	-55	-26	-2	13	17	14	4	-8	-18	-26	-26	-19
-10	4	18	25	29	36	30	16	-5	-19	-18	-3	7	12	21	30	32	25	9	-1
-1	4	-2	-2	10	28	47	45	42	34	12	-10	-12	-28	-20	-16	1	29	37	43
44	32	16	-14	-24	-18	-3	8	18	27	31	22	5	-9	-25	-25	-8	12	24	31
32	22	6	-18	-37	-47	-51	-40	-18	2	1	-14	-31	-47	-53	-54	-47	-31	-20	-17
-30	-38	-43	-49	-57	-65	-65	-57	-42	-24	-12	-2	4	-3	-4	-3	-2	1	4	8
10	10	9	6	0	-4	-8	-16	-24	-16	2	20	30	37	28	25	17	19	21	21
27	29	28	16	4	7	15	36	52	50	37	25	22	32	40	54	62	57	56	51
43	31	21	18	15	14	17	34	51	59	47	26	4	-16	-28	-31	-27	-10	2	-1
-7	-10	-11	-4	-1	-7	-16	-30	-39	-35	-27	-16	-10	-5	2	6	4	2	-1	-7
-13	-4	13	24	30	24	12	-6	-27	-35	-30	-16	1	9	14	8	-5	-15	-17	-14
-12	-11	-11	-8	-2	-1	-10	-22	-34	-38	-33	-25	-19	-12	-9	-9	-12	-23	-33	-35
-32	-37	-49	-53	-49	-34	-18	-6	-3	-7	-7	-13	-20	-27	-35	-35	-35	-35	-29	-15
-4	7	18	31	33	18	4	-10	-11	1	11	21	27	29	29	28	25	21	19	19
24	33	39	32	27	19	7	1	3	5	13	14	12	10	7	8	14	15	15	15
17	21	17	10	2	7	15	11	5	0	-5	-10								

111136 71.128.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 427 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL.
INSTR PERIOD = 0.0390 SEC DAMPING = 0.504 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP NS4E 34 03 46N, 118 24 52W

PEAK VALS ACCLN = -278.8 CM/SEC/SEC AT 12.14 SEC VELD = -40.2 CM/SEC AT 12.76 SEC DISP = 19.3 CM AT 12.22 SEC

INITIAL VELO = 0.30155 CM/SEC INITIAL DISP = 0.58616 CM

2469 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-17	-27	-38	-44	-28	-7	5	-12	-35	-48	-32	-10	-21	-51	-62	-35	22	60	20	-20
-23	13	26	-7	-33	-43	-25	8	7	2	-6	-10	7	43	23	-15	-21	18	43	23
-19	-51	-62	-35	-11	-10	-20	-11	54	106	61	1	-28	-5	27	-3	-28	-22	3	46
43	4	-39	-78	-26	33	37	2	-33	-11	75	121	81	10	-38	-40	-4	-5	-43	-91
-97	-13	40	66	57	69	59	17	-18	-8	47	44	-19	-81	-83	-85	-114	-104	0	113
145	119	84	51	-34	-104	-117	-77	-40	-33	-7	58	105	101	89	93	108	88	44	-43
-124	-171	-142	-93	-78	-83	-60	-5	51	55	50	67	108	104	44	-73	-143	-90	19	98
68	-12	-54	-23	13	14	-6	-15	-18	-7	-19	-25	-10	17	22	-5	-41	-47	-37	-1
-3	-9	35	108	110	16	-49	-11	127	197	130	-2	-138	-175	-179	-180	-162	-118	9	138
182	116	-19	-110	-100	-25	59	83	110	162	189	164	86	20	42	108	148	65	-33	-87
-97	-70	-27	-36	-69	-61	-34	-21	-56	-72	-54	13	55	44	-5	-33	15	44	36	4
-39	7	64	81	22	-42	-48	-4	69	123	103	62	36	19	-21	-82	-128	-91	-23	-14
-36	-62	-49	15	73	110	135	152	158	119	13	-98	-201	-209	-148	-66	17	89	110	108
58	45	60	135	144	91	12	-13	8	40	69	107	130	114	13	-89	-150	-135	-107	-106
-109	-40	47	182	300	341	265	130	14	-55	-161	-206	-199	-225	-285	-352	-395	-331	-167	36
203	242	143	52	21	24	81	134	159	130	-20	-135	-217	-287	-345	-291	-71	255	578	869
948	769	598	412	187	-91	-384	-572	-574	-492	-380	-303	-277	-318	-342	-305	-126	169	468	757
1054	1258	1329	1208	752	131	-549	-1109	-1295	-1165	-1010	-1038	-1245	-1375	-1261	-1040	-834	-726	-531	-90
576	1373	2172	2570	2399	1904	1201	528	-159	-880	-1957	-2059	-2197	-1937	-1292	-674	-51	362	434	302
106	96	458	1076	1398	1345	1011	515	75	-434	-775	-889	-962	-1109	-1248	-1211	-1031	-834	-728	-711
-666	-567	-423	-198	109	503	813	861	685	422	131	22	208	609	899	837	359	-318	-911	-1170
-1153	-1003	-823	-550	-200	262	876	1529	2127	2389	2232	1579	840	152	-331	-528	-526	-438	-467	-527
-538	-339	-28	477	834	936	875	744	514	148	-353	-926	-1246	-1472	-1522	-1323	-933	-347	264	530
430	-30	-576	-857	-807	-645	-575	-779	-1002	-1078	-913	-642	-331	-309	-589	-932	-974	-680	-105	533
935	1111	1161	1098	1012	830	564	222	-151	-370	-267	61	362	678	969	1213	1261	1109	944	955
1039	1144	1104	1014	833	655	467	387	477	652	740	724	745	888	1129	1240	1223	953	449	-107
-655	-980	-1054	-932	-702	-388	-196	-415	-875	-1290	-1398	-1204	-928	-665	-386	-107	44	223	351	460
359	-3	-528	-1129	-1636	-2052	-2144	-1886	-1432	-968	-614	-448	-426	-361	-128	245	703	993	1252	1455
1570	1611	1512	1318	1172	933	673	406	210	54	83	166	219	214	318	651	1217	1912	2509	2601
2308	1597	843	111	-412	-786	-956	-950	-882	-692	-422	-190	65	353	504	531	531	521	520	546
396	106	-312	-828	-1452	-2166	-2723	-2788	-2734	-2670	-2401	-2043	-1597	-1216	-601	-134	298	449	466	417
326	167	-34	-274	-660	-1038	-1399	-1700	-1859	-1918	-1893	-1759	-1570	-1271	-903	-585	-341	-145	20	256
441	648	903	1104	1144	966	643	320	42	-71	30	204	419	615	861	1215	1540	1807	1579	2009
1751	1355	841	345	-20	-223	-214	-61	189	443	704	844	911	810	560	321	80	-165	-340	-378
-228	-16	143	139	38	-73	-293	-670	-1037	-1249	-1280	-1160	-975	-782	-677	-681	-694	-712	-676	-591
-430	-283	-205	-249	-360	-433	-450	-419	-397	-399	-327	-220	-67	109	239	322	345	291	224	131
32	5	-20	-2	12	37	103	219	364	525	685	817	877	883	896	1003	1172	1355	1490	1533
1504	1432	1292	1107	863	611	366	163	38	-42	-83	-112	-109	-46	70	189	250	275	272	252
232	164	28	-181	-398	-549	-589	-554	-490	-467	-506	-558	-604	-681	-805	-929	-1038	-1116	-1132	-1077
-960	-824	-695	-616	-598	-581	-579	-583	-575	-568	-542	-490	-404	-323	-275	-256	-218	-153	-30	149

380	625	834	977	1035	1026	958	850	762	736	785	866	964	1065	1118	1133	1123	1065	968	856
740	656	600	554	501	458	444	447	449	464	460	426	331	171	-9	-180	-339	-463	-569	-608
-607	-629	-713	-825	-933	-991	-1011	-976	-925	-908	-906	-885	-823	-724	-624	-542	-528	-606	-733	-856
-933	-940	-883	-763	-635	-516	-436	-354	-271	-180	-89	-2	77	148	188	194	157	74	-31	-112
-111	-32	77	228	353	498	621	682	682	636	587	549	534	521	507	496	525	599	672	680
595	450	265	144	97	88	78	66	34	0	-33	-47	-43	-41	-69	-141	-248	-361	-463	-540
-575	-568	-553	-559	-581	-603	-624	-646	-667	-685	-668	-611	-556	-492	-405	-287	-128	71	280	432
470	402	279	164	67	22	25	79	146	217	292	380	469	542	582	570	530	479	443	451
488	519	548	578	593	574	511	413	309	234	207	211	213	186	173	205	265	310	299	239
168	113	83	70	61	59	88	143	195	217	179	85	-51	-202	-352	-493	-621	-722	-784	-815
-803	-755	-667	-555	-452	-390	-388	-454	-570	-696	-788	-801	-746	-675	-632	-613	-598	-583	-558	-525
-503	-466	-417	-356	-298	-273	-276	-281	-245	-124	76	300	493	605	641	618	572	514	461	441
469	548	645	741	818	869	918	958	968	923	816	689	575	500	450	418	391	368	361	384
-470	-476	-455	-401	-337	369	287	186	91	9	-45	-72	-98	-151	-225	-297	-371	-434	-459	-462
-749	-707	-627	-543	-454	-361	-248	-119	-3	82	-419	-341	-264	-201	-199	-279	-388	-528	-649	-734
360	343	342	386	449	513	533	506	470	459	160	205	232	249	268	274	283	295	324	353
13	-89	-168	-228	-266	-313	-339	-340	-331	-339	-378	-438	-516	-575	-581	-535	-458	-385	-363	-396
-462	-506	-546	-575	-613	-666	-738	-782	-797	-778	-737	-678	-590	-489	-388	-291	-225	-181	-166	-160
-160	-168	-193	-219	-233	-216	-156	-51	84	226	358	488	617	716	782	805	811	805	792	792
815	850	884	917	948	953	925	864	791	704	618	543	496	484	496	512	535	535	508	464
404	309	190	69	-46	-164	-262	-341	-389	-388	-373	-373	-405	-473	-543	-603	-631	-622	-595	-557
-518	-477	-467	-493	-528	-554	-556	-529	-511	-513	-530	-550	-554	-534	-496	-455	-406	-367	-335	-316
-296	-271	-227	-171	-102	-18	50	64	56	61	116	233	408	573	684	750	768	765	753	721
681	654	659	685	723	757	774	768	743	697	631	533	419	302	206	144	101	67	36	32
67	124	163	158	104	2	-138	-276	-410	-530	-599	-645	-652	-631	-606	-582	-565	-574	-590	-625
-662	-688	-687	-656	-612	-549	-474	-389	-307	-237	-195	-185	-212	-282	-377	-458	-503	-490	-413	-314
-197	-78	5	78	151	209	260	309	347	384	-195	452	475	495	516	511	488	468	466	492
534	583	620	619	585	545	511	495	456	509	530	547	537	489	403	295	180	81	6	-64
-140	-213	-292	-367	-425	-458	-459	-436	-416	-416	-424	-419	-400	-383	-394	-442	-488	-520	-537	-514
-482	-443	-391	-346	-319	-328	-370	-434	-479	-475	-425	-339	-242	-141	-68	-12	59	127	190	261
336	401	440	427	369	302	246	218	209	209	205	197	190	192	208	240	279	316	356	387
417	468	522	574	600	577	504	402	298	199	90	-29	-139	-231	-296	-352	-377	-393	-396	-380
-334	-272	-221	-189	-206	-264	-327	-381	-405	-414	-418	-424	-424	-424	-422	-422	-426	-424	-400	-347
-284	-213	-148	-84	-23	34	84	128	162	182	179	179	182	199	231	258	260	244	222	198
180	188	207	224	240	255	261	258	266	279	289	279	245	211	183	169	177	196	223	253
270	260	235	210	185	162	143	129	115	98	73	32	-21	-78	-129	-151	-168	-174	-189	-218
-267	-321	-378	-417	-440	-435	-416	-383	-350	-347	-374	-417	-442	-431	-390	-337	-289	-249	-224	-195
-159	-98	-36	16	51	86	138	195	246	282	317	354	378	378	375	374	399	437	474	509
521	500	468	438	415	402	399	400	398	390	371	357	337	304	274	246	230	211	189	162
139	118	95	68	40	15	-6	-26	-63	-113	-178	-247	-308	-351	-366	-351	-341	-340	-354	-383
-423	-469	-511	-541	-561	-573	-588	-597	-581	-545	-503	-450	-423	-411	-414	-426	-435	-436	-424	-391
-342	-275	-203	-137	-87	-49	-10	31	67	100	110	114	129	168	213	240	269	300	328	359
370	376	379	372	361	327	243	219	218	218	234	250	266	266	255	221	149	61	-30	-84
-124	-152	-172	-182	-182	-169	-157	-158	-166	-193	-208	-233	-248	-253	-253	-241	-226	-223	-232	-262
-296	-312	-311	-294	-253	-216	-167	-167	-159	-142	-115	-77	-30	23	86	156	213	264	307	347
370	370	361	346	347	358	382	413	445	468	475	474	472	465	465	481	508	550	570	570
553	526	496	470	446	417	385	354	318	289	263	222	180	117	36	-46	-123	-200	-261	-298
-319	-340	-358	-376	-404	-438	-467	-476	-466	-447	-419	-404	-408	-427	-451	-481	-510	-525	-513	-484
-445	-416	-394	-364	-373	-361	-353	-342	-322	-303	-293	-275	-233	-147	-25	110	229	300	320	311

291	273	246	228	218	236	277	311	330	320	290	269	256	255	278	338	411	480	536	533
473	373	255	135	47	-11	-59	-85	-79	-52	-37	-71	-127	-175	-185	-153	-117	-88	-79	-103
155	-234	-347	-459	-555	-615	-618	-575	-512	-440	-372	-323	-300	-310	-349	-389	-419	-411	-365	-301
-192	-235	-186	-202	-213	-209	-196	-164	-101	-33	25	59	71	80	91	100	101	94	85	91
139	211	294	369	413	420	410	399	390	383	382	385	394	412	441	466	460	427	389	353
329	322	292	232	235	180	147	136	153	177	210	234	254	262	235	164	79	-15	-100	-164
-211	-238	-250	-245	-232	-213	-196	-192	-197	-202	-193	-185	-172	-156	-127	-95	-77	-80	-103	-127
-154	-154	-158	-172	-195	-218	-239	-249	-249	-236	-216	-180	-127	-52	11	29	-1	-60	-109	-136
-75	-75	-20	43	88	106	103	75	42	11	5	44	105	161	207	210	187	159	131	115
104	109	118	129	136	138	121	92	60	31	13	6	7	12	17	21	18	5	-25	-55
-86	-103	-113	-124	-142	-164	-170	-168	-143	-114	-92	-58	-24	9	32	23	-1	-39	-72	-91
-85	-73	-59	-41	-16	11	32	51	59	57	58	70	100	131	158	158	147	128	112	98
65	82	89	104	120	113	99	90	77	65	51	45	52	67	71	65	58	48	40	32
25	14	4	-4	-13	-30	-63	-101	-134	-156	-156	-142	-128	-108	-94	-88	-95	-109	-121	-119
-98	-54	-7	41	86	124	149	160	161	161	149	111	72	26	-4	-3	17	41	54	41
24	14	9	7	7	2	-16	-43	-78	-99	-116	-128	-142	-158	-176	-199	-232	-269	-287	-294
-281	-257	-231	-198	-154	-114	-75	-46	-36	-45	-58	-76	-92	-105	-116	-115	-99	-80	-51	-40
-33	-21	-2	17	35	47	50	40	17	-4	-22	-30	-19	-3	14	29	47	67	84	89
80	79	79	82	94	109	121	130	131	129	119	99	89	88	98	114	126	131	132	136
138	138	138	138	137	136	125	105	89	64	44	21	0	-5	-1	6	17	27	33	29
16	2	-20	-43	-60	-75	-81	-81	-79	-81	-84	-96	-104	-101	-104	-100	-96	-89	-92	-86
-78	-72	-52	-35	-32	-36	-33	-33	-27	-22	-13	-17	-30	-54	-72	-75	-65	-39	-1	31
61	73	63	50	47	50	64	80	94	110	133	165	197	212	214	194	161	123	100	91
102	130	162	189	193	191	180	168	158	150	150	148	142	133	126	118	107	92	76	53
24	-5	-33	-55	-75	-96	-115	-127	-135	-129	-111	-92	-83	-85	-110	-142	-178	-194	-216	-219
-225	-213	-203	-189	-192	-193	-205	-216	-220	-203	-174	-149	-125	-102	-89	-75	-64	-62	-66	-70
-66	-64	-60	-53	-46	-37	-23	-5	10	24	37	51	64	73	86	91	86	79	73	62
55	44	27	15	6	4	7	8	10	21	41	65	83	87	69	57	58	57	54	46
34	22	11	3	-24	-47	-68	-84	-88	-87	-85	-85	-88	-95	-104	-113	-114	-104	-90	-77
-52	-52	-53	-50	-42	-35	-32	-24	-29	-32	-37	-45	-47	-31	-14	5	29	56	80	99
103	103	103	103	103	103	104	110	119	132	146	152	151	138	113	91	81	77	80	92
103	107	117	123	124	127	130	128	122	111	90	63	40	16	-13	-35	-53	-69	-74	-83
-93	-98	-106	-117	-121	-122	-110	-94	-79	-64	-46	-33	-25	-22	-28	-34	-33	-34	-33	-34
-33	-29	-17	-1	18	37	55	65	71											

111136 71.128.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 427 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL.
INSTR PERIOD = 0.0400 SEC DAMPING = 0.490 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S36E 34 03 46N, 118 24 52W

PEAK VALS ACCLN = -275.8 CM/SEC/SEC AT 7.86 SEC VELO = 27.5 CM/SEC AT 14.52 SEC DISP = -7.7 CM AT 14.16 SEC

INITIAL VELO = -0.30862 CM/SEC INITIAL DISP = -0.55791 CM
2472 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

30	-20	-12	15	27	-6	-21	-42	26	92	102	61	-3	-30	-4	-4	-8	-54	-92	-54
-10	-5	24	3	34	18	55	91	62	-3	-67	-57	-39	-51	-89	-44	37	73	107	134
158	132	104	72	22	-85	-152	-172	-164	-168	-78	67	164	164	104	18	23	73	95	48
-97	-207	-276	-134	-66	-20	-19	-14	151	256	269	263	156	47	-48	-72	-61	-139	-296	-340
-182	49	224	255	268	251	215	144	91	-20	-185	-344	-246	-62	27	-80	-103	-3	193	289
255	174	-1	-161	-95	-57	-6	-163	-317	-383	-297	-177	-41	127	254	225	173	160	150	61
-59	-93	-22	21	-32	-57	-4	28	89	117	171	235	214	105	-32	-122	-148	-133	-86	-109
-136	-162	-176	-186	-166	-36	149	241	199	40	-52	-86	-99	-116	-99	-61	-50	-122	-141	-150
-13	118	187	228	138	57	19	90	44	-42	-140	-84	-33	-24	-49	-20	58	149	173	156
107	39	-13	-68	-69	-95	-161	-253	-344	-283	-212	-135	-53	-30	-11	-59	-133	-144	-127	-22
42	31	14	-1	50	118	139	107	78	174	297	298	244	140	148	122	70	-44	-130	-87
48	-39	-95	-160	-187	-218	-174	-42	124	145	75	-14	-76	-135	-249	-328	-334	-176	58	202
247	170	58	12	75	220	285	201	59	-75	-162	-188	-224	-237	-185	-67	1	22	57	73
61	60	195	106	14	-123	-181	-165	-85	5	132	184	273	215	145	72	81	95	9	-80
-235	-332	-142	-17	144	137	108	-1	-79	-66	93	164	62	-144	-228	-251	-244	-256	-204	-158
-100	-51	4	127	219	208	126	-45	-196	-321	-402	-470	-512	-228	200	669	989	1091	1085	881
521	316	124	-76	-233	-204	-203	-270	-405	-513	-426	-195	42	374	677	814	898	689	453	152
-353	-898	-1397	-1721	-1853	-1791	-1517	-1118	-496	15	427	705	863	919	1025	1090	1151	825	204	-243
-377	-325	-508	-811	-769	-176	642	1447	2136	2510	2357	1986	891	-139	-1008	-1284	-1030	-611	-69	119
75	-131	-75	34	454	944	999	954	366	-381	-1404	-2076	-2601	-2758	-2630	-2227	-1614	-1057	-575	184
704	1034	1274	1292	911	-79	-1225	-1890	-1974	-1544	-583	546	1529	2254	2430	2301	2133	1616	1227	1043
1067	1435	1218	675	-53	-581	-789	-821	-647	-5	389	859	861	723	93	-830	-1572	-2151	-2090	-1896
-1513	-1129	-1007	-840	-711	-533	-304	-315	-164	-26	-171	-330	-795	-935	-705	-272	268	925	1554	1557
1126	709	535	680	990	1309	1645	1903	1835	1475	1014	635	385	200	141	212	383	609	786	831
695	330	-138	-563	-938	-1238	-1410	-1479	-1560	-1863	-2208	-2517	-2630	-2308	-1497	-831	-173	269	552	457
341	186	59	-23	18	-117	-189	-126	119	432	545	536	456	584	997	1612	2104	2331	2026	1408
636	186	-122	-293	-216	-153	-76	-73	-377	-657	-604	85	810	1312	1456	1186	519	-332	-1266	-1962
-2197	-2257	-2088	-1707	-1081	-452	-429	-519	-433	22	555	974	1012	796	245	-388	-1059	-1235	-1054	-1054
-520	366	1322	1817	1494	881	414	249	27	-201	-194	-55	94	191	131	178	128	232	67	84
62	-108	-266	-462	-618	-655	-727	-748	-543	-386	-200	-147	-140	-287	-370	-511	-584	-359	42	582
1054	1210	919	446	-37	-483	-679	-615	-466	-283	-83	-51	-90	65	278	764	1018	1262	1517	1493
1288	810	324	32	-256	-450	-602	-722	-864	-1066	-1216	-1271	-1132	-848	-588	-422	-337	-159	99	323
441	466	369	134	-123	-362	-516	-690	-821	-871	-733	-477	-67	334	747	1127	1431	1626	1595	1436
1039	536	146	-25	-32	-103	-215	-274	-147	81	347	601	843	1108	1181	843	432	0	-352	-793
-1198	-1362	-1386	-1351	-1222	-945	-468	-116	-16	-6	184	357	338	81	-222	-370	-503	-624	-604	-312
17	262	392	489	740	950	993	912	805	761	756	791	865	955	1016	962	891	813	759	783
851	865	789	651	449	212	-27	-291	-498	-621	-668	-633	-596	-631	-719	-817	-890	-933	-891	-831
-758	-702	-703	-769	-874	-947	-884	-700	-427	-188	-9	126	218	250	175	35	-66	-130	-90	25
86	89	97	133	247	431	666	879	1015	1009	871	668	451	260	195	265	371	465	392	162
-134	-409	-588	-645	-628	-545	-410	-245	-162	-165	-254	-409	-546	-584	-537	-469	-418	-404	-470	-582

-744	-823	-846	-844	-811	-723	-519	-264	-25	150	164	55	-81	-170	-183	-121	-17	69	117	106
139	236	363	507	630	678	645	574	487	368	315	298	342	384	396	350	248	145	103	72
105	138	109	8	137	-262	-373	-384	-352	-251	-124	-14	84	90	17	-75	-181	-256	-339	-405
-437	-339	-156	15	128	143	124	141	198	252	316	381	412	411	371	315	270	296	404	559
724	853	924	960	903	776	612	451	291	150	61	-19	-74	-134	-176	-164	-129	-106	-149	-255
-403	-541	-667	-801	-881	-957	-1053	-1153	-1156	-1089	-861	-571	-285	-85	44	44	-62	-209	-338	-394
-375	-271	-134	7	104	169	242	294	332	403	532	695	838	868	754	576	367	184	40	2
34	49	29	-8	-5	22	62	116	137	132	43	-89	-213	-283	-343	-458	-606	-596	-596	-501
-415	-324	-289	-293	-346	-412	-434	-383	-308	-243	-165	-57	59	145	190	215	265	315	342	323
285	270	299	352	459	601	776	959	1055	1047	944	784	585	375	262	240	224	224	230	225
197	120	36	-55	-133	-180	-188	-230	-362	-495	-596	-640	-619	-577	-544	-510	-502	-546	-611	-670
-685	-664	-604	-513	-431	-414	-440	-465	-425	-315	-148	43	238	405	528	560	541	509	464	401
318	272	252	259	283	332	413	491	549	563	536	452	339	190	11	-157	-275	-342	-365	-384
-396	-405	-398	-362	-305	-263	-243	-216	-189	-186	-218	-280	-343	-368	-344	-260	-144	-27	95	196
250	260	219	184	151	116	77	37	25	42	95	147	188	229	261	289	313	296	264	264
236	211	207	230	266	256	194	110	62	48	75	150	224	274	260	203	139	67	-7	-74
-119	-126	-72	3	59	65	31	-15	-59	-60	-2	51	53	22	-49	-131	-199	-222	-194	-131
-70	-23	-2	-30	-108	-221	-342	-429	-456	-411	-304	-198	-141	-141	-206	-260	-258	-192	-88	7
48	17	-47	-103	-145	-171	-192	-213	-199	-134	-32	69	122	120	94	74	71	71	49	19
-20	-68	-86	-33	55	156	255	334	362	350	326	304	272	227	159	102	59	45	45	50
54	35	-7	-71	-134	-218	-308	-370	-396	-386	-370	-312	-225	-129	-60	-28	-46	-121	-208	-267
-261	-202	-138	-90	-70	-65	-48	-1	75	167	270	349	359	314	235	126	34	10	63	168
283	372	411	408	361	285	238	250	252	220	145	55	-5	-35	-53	-27	37	133	233	266
233	151	43	-82	-188	-266	-322	-379	-426	-458	-463	-431	-355	-241	-125	-38	29	48	3	-65
-115	-134	-99	-11	90	191	243	284	318	355	349	304	247	208	170	106	23	-81	-190	-255
-241	-146	-16	92	167	189	159	124	60	-34	-139	-227	-288	-335	-375	-396	-375	-311	-245	-200
-172	-138	-72	-9	42	92	122	137	133	125	126	125	128	171	240	319	388	441	438	395
331	246	175	139	111	83	39	-21	-92	-169	-231	-241	-223	-196	-179	-164	-176	-210	-238	-248
-244	-255	-283	-294	-306	-341	-374	-390	-374	-326	-278	-204	-131	-85	-69	-68	-48	-10	21	39
39	31	18	21	48	103	175	242	296	332	345	335	327	321	296	259	232	206	182	162
133	99	61	23	-11	-44	-65	-78	-102	-151	-208	-248	-265	-262	-265	-264	-268	-245	-176	-82
14	72	84	63	30	20	21	31	42	53	67	94	128	157	159	153	161	195	228	236
193	131	61	7	-14	-23	-23	-33	-55	-65	-86	-118	-159	-191	-196	-181	-172	-174	-192	-207
-210	-212	-207	-194	-171	-141	-115	-92	-53	-4	41	66	57	37	33	63	104	152	202	248
273	269	256	252	259	268	261	227	184	134	81	33	-1	-27	-44	-53	-37	0	23	27
-2	-47	-94	-141	-166	-153	-117	-82	-54	-43	-36	-10	41	114	180	228	252	245	221	181
142	111	98	123	164	194	212	229	246	257	254	221	169	102	29	-52	-121	-161	-185	-183
-174	-168	-160	-173	-206	-235	-257	-257	-260	-276	-272	-231	-183	-128	-73	-23	16	25	-6	-45
-68	-60	-39	-10	25	44	25	-20	-43	-23	22	72	110	145	165	142	90	41	9	-22
-54	-82	-60	-21	0	8	-1	-30	-74	-109	-107	-74	-45	-39	-52	-60	-53	-36	-4	28
57	68	58	34	18	22	38	46	50	47	48	65	94	137	170	180	172	155	141	120
80	34	6	-24	-47	-62	-68	-50	-33	-16	-23	-43	-75	-94	-123	-164	-207	-232	-218	-195
-176	-153	-120	-86	-65	-64	-68	-62	-45	-33	-11	20	53	89	114	135	146	166	187	202
214	208	175	123	69	18	-33	-85	-128	-151	-148	-122	-94	-87	-97	-131	-180	-224	-260	-285
-313	-338	-363	-384	-391	-356	-302	-232	-174	-140	-110	-87	-74	-59	-50	-27	12	49	90	145
204	256	291	323	351	368	378	384	382	375	356	329	313	323	332	312	274	231	192	156
117	89	70	48	17	-9	-35	-58	-81	-103	-128	-151	-172	-195	-217	-237	-244	-230	-198	-165
-137	-125	-121	-116	-114	-103	-77	-32	23	83	135	171	190	203	225	256	277	281	276	260
236	212	188	158	123	97	88	93	106	121	137	144	142	126	87	24	-54	-122	-165	-176
-169	-160	-144	-122	-107	-111	-142	-189	-248	-306	-354	-381	-379	-352	-335	-315	-294	-271	-259	-249

-223	-153	-60	24	106	171	202	171	-24	-102	-131	-103	-15	97	176	212	185	122	41
-37	-69	-66	-30	-7	-22	-85	-165	-302	-306	-280	-229	-179	-133	-96	-71	-58	-67	-87
-116	-125	-116	-107	-94	-78	-44	5	90	122	167	223	283	342	386	397	370	340	307
274	242	203	152	114	133	202	278	407	415	403	357	296	229	171	139	115	89	37
-27	-86	-133	-142	-127	-97	-50	-27	-42	-72	-112	-132	-132	-129	-139	-169	-201	-248	-256
-238	-214	-190	-164	-140	-124	-122	-131	-118	-85	-35	9	49	81	98	78	40	18	5
8	19	50	79	92	89	78	65	59	62	57	54	49	23	-9	-37	-55	-78	-105
-123	-143	-179	-195	-201	-183	-146	-99	-10	26	45	22	-15	-44	-59	-62	-51	-27	1
26	53	81	113	147	167	162	123	21	6	29	71	90	84	68	63	73	81	85
96	122	144	131	87	34	-7	-10	5	49	39	20	-11	-36	-38	-26	-17	-17	-18
-21	-24	-32	-41	-42	-41	-49	-53	-24	-16	-37	-65	-79	-75	-67	-63	-48	-9	44
78	102	96	71	36	11	-4	9	26	3	-39	-85	-103	-104	-95	-81	-71	-74	-90
-106	-122	-142	-152	-151	-144	-133	-129	-158	-178	-197	-206	-191	-157	-129	-113	-106	-107	-103
-87	-67	-47	-28	-5	23	39	42	51	59	70	82	93	102	103	101	96	94	107
133	164	192	216	244	269	283	285	250	221	196	172	157	144	131	124	127	137	142
129	109	88	73	58	39	19	9	-1	-23	-53	-85	-116	-133	-122	-97	-71	-50	-50
-43	-28	-1	32	61	72	70	59	43	14	11	6	-3	-15	-30	-40	-44	-38	-35
-38	-48	-56	-65	-81	-100	-120	-125	-123	-124	-141	-170	-205	-247	-272	-268	-235	-187	-137
-91	-71	-81	-113	-151	-181	-207	-205	-174	-151	-129	-108	-86	-68	-51	-19	8	31	52
69	85	95	93	87	77	65	49	42	63	94	110	112	114	128	141	142	145	140
134	123	106	85	71	67	69	59	79	104	114	118	127	133	134	137	124	129	133
144	158	178	209	225	220	202	183	163	153	149	149	143	115	75	34	13	-9	-37
-66	-98	-134	-171	-216	-260	-289	-299	-265	-247	-231	-234	-245	-265	-287	-296	-290	-269	-242
-210	-186	-168	-146	-114	-74	-35	17	123	151	152	142	141	154	175	193	190	173	160
142	124	112	106	108	103	78	28	-90	-135	-161	-181	-158	-129	-100	-84	-95	-114	-131
-139	-148	-159	-160	-157	-152	-135	-122	-101	-50	-23	4	41	81	125	151	150	145	149
164	175	174	168	160	169	186	197	198	186	170	155	145	131	115	95	71	41	6
-19	-25	-21	-9	-8	-18	-35	-55	-80	-124	-131	-135	-144	-147	-141	-127	-111	-95	-87
-84	-87	-88	-81	-54	-26	-7	6	15	22	24	28	35	47	61	70	78	88	95
99	104	106	115	117	104	82	58	8	2	2	2	0	-8	-25	-45	-62	-75	-91
-116	-146	-173	-191	-200	-201	-199	-192	-155	-128	-98	-79	-71	-68	-65	-56	-51	-29	0
30	47	58	75	99	132	170	205	240	230	209	182	160	144	134	135	149	152	141
124	105	79	62	57	56	48	22	-56	-91	-121	-140	-142	-145	-146	-150	-156	-160	-163
-155	-142	-126	-104	-80	-50	-19	-13	-9	18	37								

111136 71.128.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 427 1800 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.540 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 46N, 118 24 52W
 BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 270.0 CM/SEC/SEC AT 8.20 SEC VELO = 12.0 CM/SEC AT 8.24 SEC DISP = -2.4 CM AT 12.10 SEC

INITIAL VELO = -1.44336 CM/SEC INITIAL DISP = 0.55344 CM

2469 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

471	451	295	35	-273	-564	-177	-30	12	-106	-77	150	431	309	159	-72	-200	91	28	-70
77	-12	198	53	-49	-15	-393	-705	-407	196	718	770	616	376	17	-227	-798	-977	-726	-343
27	654	1180	1060	474	-132	-741	-517	-139	-141	-73	-296	-474	-338	340	552	674	334	-154	-730
45	333	-17	-119	-337	20	675	341	117	-463	-831	-410	-14	94	829	915	320	-226	-630	-445
-649	-973	-361	629	1015	1113	951	128	-732	-1149	-477	-69	130	-89	88	468	1038	642	-20	-315
-822	-298	48	-112	125	-202	-315	-379	22	419	411	198	66	-265	-265	-58	273	159	-93	-87
208	201	-94	-176	-472	-170	216	223	471	557	194	-129	-508	-324	-218	-276	-144	-60	61	306
471	506	263	-53	-484	-193	-13	200	306	180	-227	-256	269	521	-40	-433	-777	-532	354	308
602	590	404	-122	54	-286	-714	-998	-531	534	541	495	617	317	85	-77	-474	-388	-289	173
380	497	784	345	-550	-1339	-899	-19	197	597	680	432	363	-26	-342	-602	-762	-734	-635	-174
630	1127	1256	1083	174	-628	-1278	-521	-613	-334	309	1266	1372	962	77	-881	-1505	-407	-337	-138
-26	257	636	549	127	5	-235	-703	-572	-183	68	215	285	112	11	144	366	292	65	-259
-390	-414	-148	414	598	260	-18	-583	-537	-656	-966	-438	338	1180	1480	1046	-17	-912	-1690	-950
-803	-412	484	1082	1200	1024	355	-9	-639	-1313	-1060	-615	93	914	1239	927	62	-971	-1975	-1053
-107	748	1633	1634	823	-72	-1483	-1650	-633	-320	258	694	988	893	476	-332	-1111	-1232	-866	-516
138	928	1391	1058	816	275	-565	-1739	-2008	-1172	-1172	289	1711	2508	2378	1205	674	-1038	-1938	-1750
-1851	-1110	-60	991	1080	915	376	267	473	163	-405	-401	-613	171	546	-208	-20	-200	-639	-40
-97	278	439	32	-406	-181	443	217	-159	-245	-680	-71	380	265	301	664	735	402	161	-78
-256	-527	-104	151	310	35	-479	-921	-485	918	975	534	916	327	-183	180	-194	-1153	-1517	-1427
-854	364	1777	2456	2437	912	-583	-2059	-1918	-10	-1157	-1221	-447	413	382	339	343	721	996	1117
959	438	-341	-1381	-1902	-1377	-1350	-71	1321	2397	2700	1858	-17	-1372	-2282	-2636	-1648	-817	940	1901
2158	2304	1197	225	-1072	-2668	-1931	-1559	-999	106	855	899	1200	639	127	-811	-699	-351	-456	-156
-121	142	1011	113	-974	-1094	-557	-196	342	1445	1501	896	471	-416	-839	-384	-69	253	687	822
427	478	-191	-795	-523	168	227	462	167	-162	216	421	278	186	6	-406	-839	-841	-343	235
602	378	115	-254	-223	371	754	290	-718	-1257	-1302	-468	-144	-69	536	934	482	-371	-550	-139
489	456	468	181	167	-588	-579	-392	-950	-1079	-411	443	1129	1365	1104	834	-295	-1595	-1994	-871
-142	123	570	684	837	262	-1003	-1068	-881	-34	265	739	1149	1112	154	-574	-1332	-1471	-495	-92
458	1143	1367	829	263	-293	-595	-403	188	657	318	520	-24	44	-665	-603	-771	-544	38	921
846	465	-25	-396	-921	-325	-22	263	54	-48	189	179	-493	-430	-363	-341	-521	-506	301	494
-32	98	223	400	622	67	-550	-709	-617	-713	-509	-186	624	538	137	-211	172	817	842	437
237	-141	-78	-324	225	708	758	765	138	-383	-674	-557	-493	-327	-119	-63	-47	207	507	699
633	431	187	219	70	-279	-476	-485	-335	-192	498	619	423	313	-114	-337	-340	44	55	271
10	-46	-201	-311	-97	242	171	-40	111	170	346	38	-629	-722	-1047	-813	-119	562	829	781
469	-88	-502	-798	-1166	-245	328	53	-27	-77	607	946	86	1	-157	-743	-282	-43	230	653
468	160	-187	151	522	-279	-604	79	458	21	39	325	411	368	249	165	8	-29	16	-377
-250	113	376	392	244	-5	-246	-452	-834	-711	-255	133	378	277	169	93	18	16	-219	-474
-599	-477	-106	196	376	425	278	-86	-438	-587	-520	-365	-79	173	413	474	455	229	-166	-567
-666	-540	-282	-132	81	147	111	-8	-130	-77	242	529	473	157	-143	-325	-278	-361	-323	-125
-43	30	163	263	309	304	177	-59	-226	-256	-240	-109	192	412	472	455	362	135	-73	-233
-404	-474	-518	-386	-219	9	161	289	282	79	-218	-427	-332	-107	68	138	106	-6	-68	-129

-216	-276	-212	-49	192	385	483	504	310	-63	-332	-439	-277	-59	65	-12	-51	-52	19	85
85	147	125	94	79	64	-29	-12	53	240	341	310	110	-125	-230	-172	-12	32	140	215
275	198	-30	-201	-114	141	245	284	279	166	-57	-302	-380	-293	-118	128	252	219	142	91
64	-17	-178	-287	-247	-93	-25	92	251	277	141	-141	-312	-268	-62	29	90	190	234	178
50	-4	16	-17	-133	-214	-182	-49	29	58	56	144	176	108	98	83	30	23	-20	-111
-99	32	119	151	153	85	29	-7	-41	-93	-120	-106	-72	-14	88	107	1	-81	-166	-195
-180	-139	-102	-76	-33	59	165	190	91	31	-66	-86	-52	1	80	113	123	95	35	-21
-56	-62	-38	-66	-109	-115	-135	-240	-291	-208	-70	141	213	64	-142	-283	-219	-130	-42	75
234	332	271	149	51	-55	-146	-176	-100	71	181	195	121	76	49	-47	-140	-189	-161	-98
14	161	252	263	200	106	2	-90	-163	-204	-169	-64	48	93	167	241	244	158	92	2
-76	-150	-224	-205	-74	48	130	159	203	207	141	63	28	-62	-219	-271	-187	-32	102	186
237	168	65	-62	-152	-141	-61	10	-4	-56	-102	-103	-124	-137	-78	85	202	194	61	-129
-254	-199	-108	-44	-8	-64	-155	-189	-210	-107	-16	47	20	-66	-95	-118	-162	-240	-272	-215
-134	-86	-48	-4	-42	-157	-189	-155	-95	-3	50	25	-61	-119	-102	9	153	184	129	100
18	-29	6	72	98	123	153	115	115	146	145	133	176	216	187	156	138	122	83	44
53	127	221	255	183	120	80	10	-31	-7	62	140	176	185	143	82	38	-31	-118	-160
-186	-141	-25	64	74	71	49	-10	-95	-147	-145	-164	-178	-176	-147	-53	26	64	116	122
50	-40	-120	-165	-130	-69	-34	31	77	61	-10	-98	-144	-124	-100	-62	7	57	88	107
73	41	3	-33	-49	-22	60	143	219	280	272	206	66	-103	-165	-135	-74	-13	53	123
142	137	108	57	-10	-103	-166	-189	-142	-34	77	131	112	27	-76	-140	-159	-130	-44	34
136	102	36	-20	-78	-96	-76	-67	-104	-83	-33	-2	-24	-4	61	73	9	-88	-117	-67
-54	-127	-168	-118	-42	29	135	195	180	76	-26	-62	-136	-180	-142	-11	152	258	265	199
124	6	-75	-36	-7	-50	-93	-81	-34	26	61	78	87	121	129	99	47	-1	-39	-82
-131	-134	-71	-15	25	36	26	-27	-141	-222	-212	-116	-65	-73	-52	-17	2	-9	-43	-18
-10	4	-25	-51	-60	-16	0	-11	-56	-70	-24	22	55	50	-23	-65	-100	-94	-80	-19
40	67	85	84	60	-2	-47	-30	-16	71	154	166	136	120	146	120	19	-109	-171	-127
-6	123	254	302	273	158	51	-55	-150	-160	-88	40	137	178	186	93	-25	-135	-138	-108
-111	-149	-164	-166	-145	-161	-109	10	118	97	-48	-191	-219	-187	-163	-147	-92	-11	59	19
-55	-100	-160	-181	-114	-15	93	150	105	-15	-105	-101	-60	-26	-15	-11	72	118	135	93
26	-26	-21	24	88	175	237	229	138	35	-16	11	46	52	52	80	99	98	85	63
34	-2	-27	-8	60	154	165	109	13	-55	-93	-53	-9	6	-10	-10	2	3	20	5
-28	-28	48	148	190	137	25	-59	-93	-101	-98	-60	-20	18	62	65	17	-41	-110	-180
-193	-137	-59	13	49	48	39	11	-52	-119	-152	-142	-83	5	105	149	103	4	-62	-58
-17	-3	11	55	79	93	107	101	79	70	80	90	80	66	70	73	62	44	22	32
53	67	85	89	77	20	-19	12	78	107	122	95	41	-15	-67	-109	-127	-96	-39	36
125	185	161	80	-21	-92	-139	-159	-161	-137	-66	16	91	116	59	-3	-53	-86	-118	-130
-80	-11	33	43	17	8	-13	-42	-57	-47	-44	-40	-27	-16	-4	-11	-25	-72	-144	-153
-77	47	128	158	123	45	-50	-189	-304	-283	-148	47	179	214	214	95	-85	-210	-258	-216
-116	-32	29	85	113	52	-69	-165	-188	-148	-122	-80	-1	32	-53	-155	-183	-166	-154	-101
19	147	190	119	-57	-247	-359	-399	-264	-12	194	278	254	183	31	-171	-298	-306	-172	-31
106	202	241	220	162	59	-90	-164	-118	6	102	167	200	156	66	-35	-62	9	81	152
216	243	193	63	-56	-87	10	86	151	198	205	174	97	32	-8	37	122	182	178	87
2	-73	-112	-78	-8	42	97	144	143	120	57	-40	-124	-147	-121	-92	-40	8	43	82
68	6	-42	-41	-24	-38	-49	-27	15	15	-50	-122	-126	-66	5	49	81	59	2	-74
-129	-138	-128	-106	-53	20	66	73	36	-15	-45	-36	-26	-5	33	29	12	0	24	43
46	25	-15	-51	-52	-35	-10	27	39	25	7	-14	-21	-42	-69	-96	-126	-124	-90	-36
18	56	80	70	15	-45	-99	-127	-120	-83	-32	10	64	66	35	-10	-31	-85	-136	-139
-65	54	148	206	198	146	66	-21	-87	-130	-112	-29	85	177	216	204	136	36	-71	-128
-153	-105	-14	118	197	205	169	98	15	-65	-100	-89	-45	-4	31	97	160	171	110	-2
-82	-109	-103	-51	24	85	69	23	3	-48	-108	-144	-138	-110	-99	-76	-52	-35	-47	-81

-88	-43	35	40	-15	-104	-181	-179	-70	56	106	105	89	41	-46	-128	-160	-184	-150	-91
-24	99	211	207	110	-6	-91	-128	-130	-78	-2	70	118	133	113	74	25	-46	-116	-84
32	102	91	54	94	179	180	55	-54	-102	-87	-31	35	112	153	138	74	-31	-92	-84
9	114	123	74	43	31	25	-28	-91	-124	-87	5	74	85	118	130	111	36	-101	-101
-93	-47	13	72	81	58	39	-12	-59	-94	-90	-74	-49	7	44	83	77	49	15	-29
-91	-132	-136	-121	-121	-97	-35	45	113	101	45	-41	-128	-190	-173	-83	-6	43	80	96
100	55	-33	-100	-113	-79	-24	53	109	142	111	50	-15	-71	-91	-62	-12	48	69	70
51	5	-35	-61	-69	-59	-23	15	41	64	72	68	39	-13	-61	-101	-93	-64	-48	-27
13	36	27	-28	-72	-86	-62	-35	2	66	126	127	70	0	-76	-127	-152	-146	-80	43
148	167	113	37	-34	-67	-57	-25	-9	6	40	77	102	96	54	-4	-55	-59	-20	43
100	136	126	46	-68	-145	-152	-106	-40	22	69	61	1	-71	-123	-147	-130	-75	10	103
150	113	28	-52	-69	-45	-22	-7	-1	-15	-30	-3	67	121	116	43	-36	-73	-63	-58
-53	-47	-20	13	17	14	8	-7	-25	4	20	33	28	20	4	-10	-2	27	47	48
26	-5	-9	7	11	4	-11	-10	7	26	23	4	-1	15	37	47	43	26	-11	-54
-59	-29	20	61	75	57	32	-13	-50	-45	-17	21	27	14	-10	-4	24	45	44	36
42	39	15	-15	-21	-16	-34	-48	-32	2	19	27	38	66	61	10	-48	-81	-75	-27
21	59	74	46	-2	-48	-62	-36	-7	25	37	10	-29	-52	-39	-9	19	30	15	-7
-8	-13	-34	-65	-54	-23	12	26	28	18	6	-28	-59	-58	-40	-6	18	47	58	44
-1	-72	-120	-116	-74	-29	4	40	51	47	14	-15	-29	-20	-37	-45	-30	-8	16	46
69	68	36	7	-23	-43	-54	-35	1	27	40	37	33	24	14	14	15	3	-27	-49
-25	12	39	60	55	39	25	13	-11	-43	-48	-42	-21	16	46	58	64	61	29	-23
-40	-32	-28	-31	-7	30	44	43	33	9	-15	-33	-39	-32	12	68	90	72	34	-12
-42	-58	-55	-35	-13	-3	-3	-5	-19	-38	-55	-60	-55	-42	-22	-17	-15	-13	-26	-49
-64	-75	-69	-73	-64	-20	13	15	5	4	2	-7	-15	-12	1	2	-4	4	19	31
29	20	6	-12	-35	-42	-29	3	38	38	29	20	26	26	24	23	19	20	16	8
-9	-13	9	37	56	52	51	41	18	-4	-1	20	66	97	91	64	35	17	16	9
-5	-12	8	51	77	79	53	25	8	-9	-16	-15	-12	-16	-14	-22	-35	-29	-15	9
25	27	16	-3	-24	-42	-50	-40	-14	11	25	23	8	-18	-40	-43	-29	2	23	35
28	16	5	1	1	-11	-25	-28	-15	3	18	30	38	21	-14	-41	-44	-24	5	28
25	6	-17	-36	-37	-37	-40	-38	-27	-10	0	6	-4	-28	-37	-32	-26	-32	-45	-60
-62	-59	-46	-24	-10	-11	-18	-22	-18	-16	-17	-18	-27	-46	-58	-53	-18	24	48	55
49	17	-17	-20	-12	2	17	23	23	29	38	41	28	10	9	22	37	52	64	55
33	18	19	23	21	19	20	15	6	2	5	11	10	8	10	14	17	18	12	6
15	25	27	25	23	18	4	-1	2											

-366	-396	-340	-273	-301	-423	-477	-479	-429	-301	-228	-216	-154	2	112	78	-2	31	118	173
184	268	256	169	43	-43	-12	20	32	80	193	267	218	162	148	190	198	92	108	246
301	237	185	145	103	53	-24	-109	-160	-139	-69	-44	-145	-198	-163	-139	-141	-77	59	182
260	271	182	105	100	140	183	140	-1	-111	-101	-43	-3	0	-42	-63	-75	-124	-164	-109
7	87	124	174	253	293	270	275	387	473	436	362	325	283	198	177	256	304	276	266
322	332	251	174	97	-11	-103	197	-277	-262	-173	-92	-91	-108	-129	-162	-203	-228	-216	-164
-133	-162	-192	-151	-60	-39	-94	-128	-102	-65	-92	-169	-248	-262	-183	-70	-68	-121	-73	52
126	73	-19	-41	-85	-134	-117	-122	-187	-266	-324	-345	-389	-466	-480	-422	-342	-330	-375	-345
-292	-261	-196	-47	54	78	49	51	78	100	123	182	234	143	16	-8	30	34	13	-10
-56	-90	-50	12	47	73	138	196	216	257	313	343	302	257	271	303	291	264	277	286
252	196	168	152	112	100	127	132	79	37	51	78	57	14	11	52	109	196	284	313
316	335	333	281	232	210	229	195	140	150	168	109	32	-32	-76	-118	-169	-194	-160	-134
-188	-293	-298	-334	-327	-306	-289	-250	-220	-208	-181	-201	-226	-233	-251	-281	-288	-260	-256	-323
-338	-246	-127	-36	-3	-12	10	36	53	101	138	137	92	77	93	110	85	-22	-118	-190
-243	-283	-368	-424	-392	-359	-374	-430	-464	-440	-357	-277	-228	-246	-262	-175	-49	36	104	170
205	219	206	218	275	313	306	305	326	375	449	497	474	451	463	469	480	505	513	514
494	453	435	382	304	210	100	35	-16	-36	-28	-43	-38	-8	15	42	75	115	136	75
-31	-66	-21	56	94	59	46	59	12	-49	-51	-60	-72	-68	-1	120	182	148	110	77
60	89	140	168	167	160	112	25	-72	-94	-61	-83	-144	-197	-221	-227	-230	-263	-286	-269
-257	-268	-290	-293	-292	-297	-306	-339	-394	-442	-467	-465	-462	-481	-534	-562	-531	-492	-482	-459
-397	-333	-285	-269	-232	-173	-120	-73	-49	-39	-16	50	119	148	124	106	121	109	79	94
124	135	115	75	52	82	128	163	166	188	237	258	267	277	292	331	387	411	409	408
412	456	502	524	539	552	519	450	412	393	367	344	319	275	244	211	158	93	44	27
31	1	-48	-91	-94	-78	-64	-78	-102	-105	-108	-128	-163	-177	-168	-173	-188	-208	-228	-244
-273	-304	-307	-292	-270	-241	-232	-244	-265	-285	-281	-253	-234	-231	-230	-244	-264	-275	-304	-359
-406	-429	-418	-385	-357	-343	-336	-341	-367	-366	-321	-306	-327	-318	-296	-234	-154	-98	-46	19
89	142	191	217	238	269	281	282	300	344	380	370	339	334	355	346	288	239	209	171
164	185	231	276	276	258	252	268	291	288	266	249	246	266	269	263	253	222	196	221
257	289	282	254	227	196	171	159	182	220	221	209	207	203	194	178	139	91	59	44
35	15	-9	-38	-57	-65	-54	-71	-114	-111	-60	-47	-78	-127	-148	-165	-213	-244	-239	-238
-268	-311	-343	-357	-351	-318	-284	-298	-330	-313	-273	-249	-241	-224	-178	-127	-105	-95	-65	-38
-11	8	1	-36	-56	-25	17	26	18	12	19	53	109	133	115	88	86	107	99	47
12	0	-1	-25	-74	-117	-153	-159	-149	-144	-156	-198	-233	-215	-168	-144	-153	-181	-203	-206
-180	-131	-82	-36	11	64	90	86	75	58	76	118	135	131	119	108	82	43	43	79
65	36	32	27	-5	-23	13	69	80	46	16	-4	-16	-29	-28	-14	-15	-18	-8	-14
-15	-6	-4	1	-7	-20	-12	2	31	73	87	81	89	103	117	117	101	95	98	99
101	94	90	90	81	63	76	123	166	198	217	237	250	230	199	179	191	214	195	164
142	154	183	184	170	155	137	120	117	125	119	111	96	66	39	23	5	-22	-52	-90
-121	-129	-141	-168	-203	-229	-230	-210	-184	-169	-194	-220	-228	-242	-266	-283	-277	-266	-258	-240
-227	-218	-227	-227	-221	-236	-248	-253	-259	-244	-231	-220	-215	-209	-195	-177	-159	-138	-93	-55
-20	-6	-11	25	30	14	31	59	88	106	114	115	159	181	190	165	110	80	90	56
105	125	126	67	84	71	66	69	80	57	29	31	47	66	67	59	87	112	90	75
70	60	72	67	57	65	38	5	0	4	13	21	18	8	0	4	17	21	16	3
-2	2	15	15	-8	-34	-60	-60	-36	-28	-42	-41	-16	13	17	8	3	7	30	56
54	33	14	42	90	112	117	120	126	105	68	71	113	123	91	57	55	83	97	72
32	26	31	30	39	67	87	92	97	110	107	85	75	77	63	28	20	45	55	34
18	14	9	24	35	16	-10	-38	-53	-67	-73	-73	-80	-123	-171	-168	-162	-182	-192	-167
-153	-180	-206	-203	-179	-153	-166	-204	-216	-208	-180	-164	-153	-107	-68	-94	-146	-171	-133	-80
-57	-43	-18	25	42	-21	-33	23	13	-2	56	112	134	116	128	146	107	29	11	34
49	71	102	128	200	256	234	214	203	195	186	200	220	234	227	251	289	244	146	113

100	100	52	21	40	46	18	-10	-48	-78	-80	-103	-154	-181	-187	-191	-204	-211	-221	-183
-166	-181	-186	-186	-200	-186	-134	-140	-196	-218	-177	-144	-147	-115	-85	-91	-107	-140	-186	-192
-83	-45	-50	-80	-80	-101	-123	-131	-96	-57	-26	-21	-17	20	53	75	110	118	132	162
170	135	137	187	156	154	154	144	150	153	153	166	181	180	175	163	174	183	148	50
68	139	139	73	57	58	68	63	63	18	55	107	145	120	53	36	35	25	30	16
-30	-9	-8	-14	-41	-60	-45	-15	47	106	106	116	48	-32	-37	-22	-20	-48	-71	-47
-51	-76	-72	-55	-64	-64	-122	-139	-119	-134	-138	-113	-54	-9	-23	-61	-94	-130	-161	-142
-134	-135	-120	-82	-68	-74	-74	-56	-22	17	40	36	33	46	78	60	2	-20	-30	-11
-56	-72	-42	-13	-7	-72	-34	-71	-83	-98	-119	-118	-108	-83	-88	-89	-66	-40	-16	-8
60	83	84	84	84	103	117	118	103	71	60	63	78	96	82	61	61	91	101	77
38	34	57	83	69	69	46	38	47	71	74	60	80	95	89	67	34	20	18	8
-36	21	51	45	32	31	31	28	14	6	-2	-10	-33	-31	2	22	12	-2	-18	-26
-29	-29	-7	-2	-11	-20	-20	-24	-42	-74	-94	-74	-59	-75	-89	-82	-58	-53	-70	-71
-66	-68	-83	-79	-48	-23	-23	-13	-14	-21	-41	-62	-69	-72	-77	-87	-85	-60	-37	-18
1	-5	-3	-7	-9	3	3	26	36	44	56	61	84	111	124	135	141	139	130	115
106	73	49	58	82	82	103	96	62	30	28	48	69	73	71	67	29	-2	-17	-36
-7	1	-3	-9	-7	-7	1	7	-18	-41	-44	-37	-36	-37	-45	-47	-43	-38	-29	-69
-21	-25	-3	15	19	-2	12	-13	-2	10	10	4	-13	-58	-88	-93	-97	-99	-107	-97
-44	-43	-49	-60	-84	-14	-97	-60	-82	-103	-105	-59	-17	-34	-63	-69	-47	-28	-20	-24
-16	-22	-46	-50	-14	-14	22	27	22	22	34	65	81	84	93	79	63	71	92	84
61	44	20	5	-4	-4	2	4	11	37	55	53	59	68	81	101	105	91	62	37
39	34	21	-7	-31	-31	-34	-28	-18	-21	-28	-26	-22	-32	-50	-68	-59	-33	-15	-20
-19	8	20	18	33	33	37	11	-22	30	6	31	34	35	31	32	42	51	70	67
41	50	75	91	78	78	54	30	12	12	16	3	-9	-12	-9	-4	0	-5	-21	-24
-27	-24	-18	-18	-29	-29	-47	-60	-79	-86	-76	-71	-76	-83	-90	-96	-105	-124	-131	-115
-57	-49	-48	-37	-21	-21	-12	-1	1	3	2	1	1	0	-5	-8	-2	14	26	33
36	37	52	74	92	92	94	83	77	90	97	91	76	60	42	21	6	4	3	-1
-4	-7	-15	-26	-29	-29	-20	-14	-16	-13	-5	7	11	-2	-19	-30	-34	-39	-43	-29
-22	-14	-2	5	9	9	15	24	22	4	-7	-7	-7	-5	-5	-17	-29	-31	-24	9
30	34	29	27	36	36	36	26	17	11	10	9	5	-4	-4	10	21	7	-10	-23
-38	-35	-16	9	24	24	36	42	39	25	12	15	14	-6	-19	-11	-3	-5	-13	-17
-33	-49	-67	-79	-80	-80	-77	-71	-70	-67	-61	-48	-42	-35	-28	-25	-22	-12	-2	5
29	51	55	45	39	39	36	29	23	17	17	11	2	0	3	13	18	17	18	29
76	84	90	77	62	62	57	55	52	42	32	31	45	60	69	72	72	70	69	54
74	67	61	56	47	47	24	-5	-23	-43	-64	-75	-90	-102	-107	-108	-114	-126	-127	73
-95	-84	-68	-58	-34	-34	-8	-7	-18	-26	-35	-41	-53	-45	-27	-28	-34	-39	-40	-102
-27	-21	-18	-13	-5	-5	-7	-6	0	-11	-20	-21	-18	-18	-16	-4	0	-9	-12	-32
5	18	41	57	59	56	56	61	76	79	70	69	57	44	45	53	48	25	0	-18
-24	-22	-13	-3	4	4	1	-3	12	37	47	41	37	39	36	26	25	21	8	-5
-5	-6	-10	-10	-5	-5	-10	-27	-37	-36	-34	-33	-30	-19	-10	-9	-5	5	17	18
19	17	14	8	-1	-1	-11	-10	-6	-16	-26	-25	-28	-41	-48	-47	-40	-34	-28	-21
-24	-18	0	9	11	11	12	16	20	27	40	49	51	52	45	39	37	31	30	44
29	3	-10	-8	-11	-11	-15	-17	-13	-11	-16	-27	-28	-11	0	-1	4	18	19	19
28	41	44	37	33	33	43	55	61	56	44	40	43	41	35	28	21	11	3	15
4	8	3	-1	-10	-10	-25	-32	-24	-17	-30	-47	-40	-31	-35	-41	-37	-34	-39	-2
-42	-29	-11	-4	-10	-10	-23	-28	-21	-15	-19	-22	-7	-4	-9	-5	12	5	1	-43
-14	-17	-14	-2	8	8	5	-10	-13	-2	5	4	1	4	11	16	11	7	8	8
18	16	4	-14	-23	-23	-21	-18	-13	-23	-36	-42	-39	-27	-31	-52	-58	-48	-36	-29
-30	-33	-33	-27	-29	-29	-19	-18	-13	-23	1	-6	-1	8	20	26	15	15	25	23
17	17	16	12	9	9	11	15	18	20	23	25	17	11	21	24	15	11	24	29
14	18	26	27	29	29	26	13	5	8	14	12	7	1	1	0	-4	-3	7	11
-15	-15	-5	-5	-12	-12	-17	-17	-23	-26	-26	25	17	1	1	0	-4	-3	7	-3

111137 71.135.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 461 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP S09M 34 09 36N, 118 28 48W
INSTR PERIOD = 0.0410 SEC DAMPING = 0.590 ACCELEROGAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACLN = -129.0 CM/SEC/SEC AT 8.16 SEC VELO = 22.3 CM/SEC AT 16.48 SEC DISP = -8.5 CM AT 15.96 SEC

2828 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.11938 CM/SEC INITIAL DISP = -0.31396 CM

14	8	8	4	-5	-10	-11	-8	-7	5	16	12	11	-2	-13	5	-1	0	24	0
-31	-20	-22	5	-4	0	6	21	-3	-23	7	-8	26	31	-5	-18	-21	-38	-55	-13
-30	-18	20	-37	27	-15	-78	-57	16	-16	-27	15	-38	6	-12	7	56	44	55	-15
-29	-32	-12	7	20	24	43	-7	-11	58	-29	-15	25	-2	89	0	53	-16	-24	-33
31	14	57	-38	-61	-3	31	78	61	50	149	106	88	-37	22	23	-40	29	108	49
-31	5	-34	-36	3	18	27	87	36	-60	64	175	24	61	45	-109	-4	-27	-152	-6
109	35	79	80	-23	-96	-182	-177	-64	-40	8	-12	0	10	-54	-14	51	18	76	73
-72	-5	-21	-96	75	93	-48	65	172	-4	-75	-22	111	145	126	122	36	-165	-183	-128
-130	-149	46	75	14	114	141	-40	-134	-16	79	-7	-172	-247	-131	-149	41	138	-127	-270
-174	-33	1	-40	-35	-43	-2	-45	-57	0	35	26	-58	-124	-134	-14	26	-51	-2	60
144	145	83	-45	-82	-74	-64	-45	-37	-8	-134	-222	-290	-182	-46	-19	35	7	-44	-43
39	99	84	-14	-66	-212	-136	25	-140	-180	23	65	29	142	227	210	291	94	-104	-137
-194	-40	116	-49	-248	-154	-70	-140	75	195	29	12	24	-200	-6	432	524	272	231	286
181	-121	-249	-271	-490	-337	-47	-248	-457	-310	-71	25	143	76	87	414	688	645	456	-19
-212	44	58	-157	-102	-54	-123	63	40	-78	181	128	-1	29	-48	125	420	531	560	813
914	471	178	226	160	232	229	-137	-412	-366	-129	-83	-516	-775	-650	-355	-256	-193	185	234
-371	-272	-74	-46	-31	-41	-22	307	315	98	71	42	-35	-133	7	158	199	196	186	108
-249	-349	-682	-658	-321	-372	-440	-283	-110	-145	-7	-40	-42	111	222	278	244	154	178	178
164	424	496	410	317	165	103	210	359	601	665	454	309	474	525	626	813	560	-227	-832
-615	-553	-547	-546	-685	-642	-228	-20	-752	-1175	-828	-356	108	69	-62	-14	50	401	964	1197
834	500	81	-520	-349	-41	-277	-820	-1290	-1218	-800	-203	198	444	543	430	430	273	43	-395
-830	-479	413	610	115	-91	348	579	249	122	356	246	6	-24	353	563	343	301	232	-105
-141	-193	-81	67	-229	-632	-737	-490	-280	259	366	129	196	138	-17	-222	-214	-335	-520	-636
-625	-55	483	453	233	-165	-257	-99	-106	-212	-102	199	111	64	371	519	453	546	536	113
-294	-285	-282	-257	-251	-235	-443	-557	-360	-77	-68	-449	-437	95	136	19	272	262	-6	-81
71	385	510	428	381	224	-303	-603	-203	5	213	546	745	826	950	864	494	193	-18	-479
-811	-856	-611	-629	-757	-485	-255	-460	-516	-483	-690	-740	-397	-208	-530	-691	-376	-97	144	190
224	293	219	-15	-175	-70	327	295	243	93	-218	-205	272	704	891	785	772	757	437	244
42	-193	-362	-268	65	385	557	305	-35	-642	-896	-207	-108	-503	-370	-261	-217	-30	-128	-342
-374	65	441	405	396	117	-264	-220	43	-115	-493	-364	-286	-363	-228	-118	-170	-161	-32	-44
-109	-124	-217	-62	414	755	861	428	135	193	141	147	337	467	409	262	314	472	557	383
310	337	418	584	671	659	580	365	208	341	407	325	373	529	552	321	241	230	41	18
60	14	11	37	27	137	256	389	209	-29	-181	-197	-150	-81	88	117	-82	-157	-102	-108
-195	-338	-515	-601	-734	-762	-700	-709	-684	-667	-660	-358	-16	129	131	167	323	478	391	88
-5	-44	-330	-465	-165	93	2	-219	-414	-554	-815	-858	-732	-628	-566	-645	-629	-455	-402	-425
-298	-164	-100	-39	21	-7	-136	-244	-236	-100	32	164	279	393	500	535	570	459	220	32
65	190	316	492	686	645	397	203	213	385	584	633	426	135	-136	-361	-447	-439	-343	-282
-240	-204	-345	-625	-792	-712	-676	-784	-720	-535	-604	-783	-761	-624	-507	-446	-448	-364	-214	-205
-212	-97	50	17	-41	165	295	303	315	380	394	384	433	456	435	473	559	490	358	414
469	376	233	209	210	106	73	144	195	264	301	236	172	195	313	368	283	265	323	360

409	433	348	282	420	607	617	657	762	680	654	686	572	387	320	322	331	320	335
281	162	70	41	37	-62	-250	-366	-162	-240	-286	-328	-473	-568	-489	-353	-328	-431	-504
-517	-551	-575	-474	-348	-340	-357	-344	-453	-386	-312	-266	-271	-334	-414	-536	-670	-714	-626
-535	-430	-323	-250	-178	-109	-111	-98	-43	-61	-23	42	7	-33	-8	18	108	260	376
397	378	357	366	469	542	547	521	498	475	494	435	384	451	394	217	238	302	150
-50	-116	-117	-112	-5	79	1	-123	-265	345	-259	-210	-275	-343	-391	-419	-435	-507	-531
-477	-480	-573	-631	-604	-656	-698	-635	-615	-526	-409	-355	-296	-284	-354	-309	-138	42	125
117	141	264	344	401	513	624	690	639	394	314	367	409	408	390	389	391	416	489
585	639	648	609	544	531	557	598	684	593	479	474	508	494	484	476	379	257	214
203	208	168	61	-99	-281	-349	-308	-255	-345	-357	-308	-260	-267	-312	-374	-443	-430	-338
-288	-353	-450	-510	-541	-563	-550	-484	-432	-380	-399	-447	-461	-483	-505	-490	-535	-614	-609
-575	-574	-590	-527	-413	-363	-375	-360	-301	-242	-132	43	157	132	171	275	325	336	405
517	541	471	454	474	469	433	455	508	464	444	449	468	470	474	474	474	492	578
619	579	495	389	328	383	428	374	314	190	107	7	-81	-91	-92	-156	-213	-229	-190
-116	-117	-160	-218	-268	-314	-303	-219	-132	-251	-290	-286	-245	-233	-263	-262	-251	-202	-120
-46	-36	-72	-99	-85	-54	-4	45	84	23	-18	-4	46	110	176	178	81	18	16
-174	-141	-180	-271	-109	-145	-167	-157	-114	-142	-195	-258	-287	-285	-284	-300	-345	-320	-242
215	190	180	156	99	-252	-229	-141	-10	-17	14	68	72	49	70	102	116	148	202
-22	-2	-53	-26	14	110	188	199	151	63	51	80	101	47	-34	-105	-138	-140	-106
111	79	49	72	127	170	146	117	117	85	99	137	163	151	142	131	119	114	110
94	76	51	28	20	27	-28	-24	-17	-79	-94	-80	-70	-52	-41	-63	-68	-57	-66
-98	-121	-152	-206	-208	-133	-28	2	-33	-101	-141	-128	-111	-143	-170	-113	-49	-14	27
48	42	26	29	42	44	34	19	1	-94	-147	-142	-137	-125	-119	-97	-93	-124	-83
-20	15	25	34	87	162	219	216	228	285	258	269	297	313	316	302	304	313	313
330	337	256	296	241	177	177	186	125	-17	-30	-34	-18	-37	-79	-102	-132	-195	-272
-304	-279	-256	-266	-263	-230	-196	-176	-198	-258	-239	-247	-281	-276	-300	-354	-337	-261	-209
-210	-221	-245	-243	-187	-100	-53	-63	-49	31	82	114	105	81	48	20	50	83	109
118	113	131	147	153	191	247	247	210	173	175	185	201	200	176	146	125	127	118
61	19	5	-9	-22	-20	-18	-2	11	-50	-73	-103	-136	-134	-122	-136	-169	-155	-96
-43	-18	-16	-36	-57	-49	2	37	19	-42	-33	1	32	36	22	-4	-29	-29	-2
35	29	-14	-35	-32	-27	-12	2	-23	-103	-116	-116	-101	-65	-44	-61	-74	-52	-35
-38	-52	-66	-75	-95	-119	-129	-119	-101	-59	-48	-69	-80	-43	4	35	39	21	-2
-26	-53	-53	-32	-14	0	5	18	65	103	74	75	95	85	72	106	150	142	113
126	155	153	150	151	143	113	100	127	192	201	199	179	149	143	161	178	172	130
89	66	74	91	89	69	45	28	7	-17	-20	-25	-35	-44	-45	-44	-47	-24	-2
-5	-28	-20	6	19	9	-8	-23	-22	-6	6	16	-7	-32	-42	-27	-8	-25	-36
-31	-51	-80	-89	-72	-44	-15	-1	-45	-91	-75	-59	-40	-29	-57	-59	-47	-46	-42
-25	-29	-47	-50	-67	-95	-101	-70	-49	-42	-61	-63	-45	-29	-37	-61	-79	-82	-91
-84	-41	7	12	5	-5	-23	-27	-28	-40	-68	-56	-30	-27	-26	-10	-20	-25	-19
-18	-29	-40	-30	-11	13	30	61	71	32	6	-24	-34	-35	-29	-6	5	-10	-2
-3	-19	-17	-15	-44	-59	-51	-61	-66	-48	-42	-45	-68	-58	-74	-132	-118	-64	-52
-47	-40	-47	-52	-23	29	51	46	20	-4	5	13	12	19	26	34	56	96	106
115	104	101	133	165	172	162	141	124	88	94	92	76	86	97	99	100	114	111
101	86	81	68	64	87	98	103	80	74	81	77	79	63	51	49	23	17	24
15	13	-16	-56	-107	-144	-139	-112	-106	-117	-133	-142	-146	-137	-109	-116	-154	-165	-163
-169	-161	-151	-162	-186	-206	-198	-204	-189	-125	-125	-117	-101	-94	-62	4	35	20	7
21	23	-10	-21	-14	5	34	63	89	150	174	180	158	157	189	242	286	298	299
285	306	300	276	284	295	262	245	274	240	224	166	73	35	54	66	74	95	84
71	34	2	-11	-25	-8	17	22	-2	-66	-118	-162	-164	-158	-172	-178	-189	-206	-159

-104	-117	-184	-259	-316	-314	-291	-220	-142	-166	-165	-116	-114	-138	-177	-215	-240	-236	-219	-144
-68	-78	-91	-120	-192	-200	-140	-79	-21	26	24	3	-5	-11	-22	-15	29	88	102	106
112	104	91	85	77	74	49	8	30	79	112	141	164	180	156	131	135	188	219	205
221	171	67	-8	0	25	37	47	43	7	-56	-106	-105	-102	-114	-135	-110	-60	-67	-74
-53	-28	-14	-10	-51	-90	-99	-65	-43	-33	-55	-86	-106	-84	-41	-33	-40	-44	-30	-24
-46	-31	1	13	8	11	22	37	53	39	39	59	85	96	72	73	106	118	97	80
51	41	97	126	108	69	68	74	103	98	70	60	69	76	89	62	23	-6	-30	-44
-35	-41	-60	-54	-39	-37	-62	-79	-79	-66	-66	-79	-100	-70	-33	-16	9	11	7	-17
-49	-42	-30	7	28	26	-7	-1	36	55	49	64	83	63	37	31	50	30	6	-2
-29	-30	-25	-33	-47	-45	-31	-22	-11	16	24	23	17	2	-1	19	25	3	-23	-31
-17	-11	-5	14	-1	-22	-16	2	-7	-36	-41	-9	-5	-34	-44	-29	-21	-13	0	9
0	-12	-4	4	-13	-42	-75	-73	-53	-34	-17	-2	-4	-11	-11	-33	-38	-27	-43	-56
-63	-69	-54	-43	-37	-26	-27	-35	-18	3	-8	5	26	13	-13	-26	-42	-36	11	58
86	99	87	91	97	77	81	108	108	86	74	67	87	83	67	80	81	75	84	94
101	111	107	101	91	64	51	48	60	79	65	14	-24	-35	-36	-42	-29	-37	-55	-61
-37	-21	-32	-58	-91	-135	-159	-144	-125	-114	-101	-92	-96	-120	-116	-99	-92	-84	-70	-70
-71	-67	-42	-11	10	13	5	-1	-23	-33	-27	-29	-37	-44	-58	-74	-74	-56	-48	-57
-70	-82	-75	-79	-82	-52	-31	-26	-13	4	12	37	71	97	112	109	117	126	110	96
83	62	41	48	58	69	78	84	78	78	91	99	91	76	69	59	39	41	56	61
46	51	69	64	30	3	4	7	7	17	25	24	24	19	6	10	11	-5	-23	-24
-32	-27	0	22	29	34	46	59	59	57	34	-4	-17	-15	-6	21	25	11	1	-19
-7	9	35	54	49	29	12	5	10	-1	-15	-21	-11	-8	-11	-32	-69	-85	-79	-76
-58	-45	-55	-73	-87	-95	-81	-54	-35	-44	-70	-83	-74	-69	-86	-103	-106	-105	-115	-121
-113	-80	-78	-83	-60	-36	-33	-40	-54	-48	-33	-42	-46	-32	-47	-62	-39	-9	-8	-25
-15	3	2	10	42	63	65	69	68	55	41	39	49	64	63	60	68	75	64	53
63	66	57	48	52	42	31	41	42	22	-4	0	-13	-33	-37	-35	-35	-47	-45	-16
-6	9	21	14	-4	-18	-14	-19	-22	-4	14	-2	-13	-24	-42	-54	-54	-53	-47	-41
-29	-15	-11	-6	8	30	46	57	66	68	62	69	68	61	67	87	98	101	87	67
57	60	69	65	65	66	55	42	37	27	22	17	11	3	2	9	22	36	46	33
12	12	24	30	23	10	12	21	8	-20	-43	-13	-52	-61	-59	-54	-53	-57	-52	-34
-14	-27	-35	-28	-39	-53	-59	-55	-66	-79	-83	-75	-58	-47	-48	-55	-64	-66	-53	-47
-34	-19	-2	16	35	27	22	32	34	20	27	54	77	67	48	39	33	40	64	64
47	53	68	62	58	71	74	55	26	30	43	26	21	20	4	-25	-45	-42	-50	-67
-72	-82	-95	-77	-45	-36	-26	-19	-15	-10	14	10	11	15	4	3	25	30	27	22
1	-24	-27	-23	-35	-42	-39	-42	-50	-58	-61	-63	-56	-44	-26	0	12	5	18	46
54	50	47	53	49	50	48	38	21	8	2	-12	-37	-69	-77	-70	-63	-54	-50	-61
-66	-62	-50	-30	-3	13	10	27	46	37	29	31	49	52	42	29	18	10	10	30
32	21	14	7	1	10	27	28	8	3	1	4	26	28	22	24	26	16	4	7
11	5	3	-6	-21	-38	-39	-37	-27	-22	-20	-12	-6	-2	-3	-1	19	44	54	54
56	47	36	25	32	46	47	40	20	1	-10	-11	-23	-33	-29	-16	-9	-3	6	-2
-7	-4	-6	-22	-35	-30	-23	-26	-28	-27	-33	-44	-44	-48	-63	-64	-57	-55	-48	-36
-30	-25	-23	-16	-17	-29	-30	-17	-11	-15	-20	-9	9	15	14	24	51	60	55	48
52	61	69	77	68	48	37	29	23	34	31	9	-8	-17	-23	-23	-12	-5	-21	-29
-42	-48	-59	-67	-59	-39	-35	-49	-59	-64	-57	-38	-29	-18	2	8	7	10	5	2
-4	-11	-8	-18	-24	-14	-13	-26	-21	-4	-8	-15	-3	8	0	-2	12	11	-9	-1
3	-18	-31	-22	-5	3	-8	-14	-9	-15	-22	-9	14	20	12	23	27	21	27	24
19	10	-4	0	14	23	35	45	51	51	50	52	50	45	34	16	9	6	4	7
12	22	14	-1	-4	-4	0	14	32	40	40	34	42	49	46	51	52	36	32	42
39	38	42	44	38	33	48	58	46	32	24	22	19	22	35	33	23	19	13	10
7	-1	-8	-12	-22	-27	-14	-9	-20	-30	-28	-31	-42	-36	-32	-44	-58	-61	-57	-51
-47	-51	-61	-66	-63	-65	-66	-66	-69	-78	-74	-62	-55	-41	-31	-47	-62	-48	-33	-36
-34	-9	-3	-14	-4	13	23	22												

111137 71.135.0
STATION NO. 461

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 09 36N, 118 28 48W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

INSTR PERIOD = 0.0410 SEC DAMPING = 0.604

PEAK VALS ACCLN = -99.9 CM/SEC/SEC AT 9.24 SEC VELU = -8.0 CM/SEC AT 13.22 SEC DISP = 2.7 CM AT 12.16 SEC

INITIAL VELO = -0.22336 CM/SEC INITIAL DISP = 0.04395 CM

2829 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-96	-59	-58	32	7	11	73	82	140	-6	74	9	28	76	21	54	59	-84	-138	122
-33	-81	113	-98	107	185	-150	-146	-42	86	-156	-67	61	49	88	-225	145	293	-25	18
77	-179	55	79	-494	162	102	-43	55	-113	-122	-2	130	-29	228	24	46	-4	-157	113
-300	-144	40	-188	-199	-67	-175	99	148	163	228	676	241	-151	-337	-10	-278	47	-302	-221
75	-55	31	-154	52	124	-217	85	240	93	212	83	-149	-150	204	258	136	-334	-169	-275
63	230	504	550	-156	-118	-200	-535	-121	73	-59	-337	-25	83	-176	236	-12	54	61	-319
-27	-33	-57	65	-290	-238	229	132	280	147	-287	-299	-44	282	219	-257	-131	471	-192	-15
-193	-345	224	289	251	332	28	186	168	-17	118	275	-331	-286	-250	-329	-155	297	249	92
-275	-10	162	29	28	-72	45	-35	-170	77	-229	-235	212	-257	-381	203	150	5	164	212
145	275	107	123	29	-302	-486	-138	285	209	-41	-317	286	266	39	-85	-270	-183	66	70
-62	315	22	-167	-154	-406	38	255	344	-65	-130	-278	-162	77	124	214	473	-183	-225	3
-27	309	238	29	-443	56	658	81	-24	241	124	16	-253	-220	-173	140	-69	46	-11	-56
141	-135	-183	-130	-478	-19	-153	50	425	99	160	-291	-361	233	-50	-91	144	443	-169	-236
125	-210	284	497	-54	-46	-81	-66	-279	221	329	392	426	25	-533	-111	344	299	-63	9
174	-95	-48	59	564	360	26	-135	-514	105	400	10	124	399	454	19	-516	-577	-524	-216
17	-141	45	-15	-37	-170	-297	-111	319	-29	-339	-275	68	235	-187	-124	-465	-387	40	25
118	-460	33	283	-188	-20	-88	-484	-99	231	-53	-414	-429	-126	-170	84	136	45	318	408
-139	-714	28	180	346	317	-465	239	117	178	413	213	286	-65	-419	-123	206	396	299	-183
27	-285	-325	142	222	347	85	-289	-48	289	260	235	368	-7	-25	-108	-490	-130	154	460
-40	-369	-222	-93	116	15	-204	-118	-4	-24	-379	61	128	368	354	-171	-325	-664	-228	-351
-566	-368	-654	-287	-124	22	98	32	344	242	-70	327	256	599	313	307	496	349	-136	-383
-343	-518	-371	302	-14	-365	-356	-118	52	456	202	203	396	269	533	-157	-81	570	167	-79
94	15	-225	-264	-215	-220	404	63	160	604	64	109	474	251	-168	496	43	-318	105	60
-310	-794	-999	-409	-382	-149	-129	-310	-123	-136	157	-64	72	186	-37	102	264	376	659	547
217	100	113	-94	303	249	-38	310	35	-676	-191	-399	-280	-45	84	544	261	214	-75	-197
170	-205	-92	205	224	57	-363	-124	-373	-651	-70	-20	-2	31	219	149	325	725	794	808
570	445	-166	-416	-377	-255	-154	-130	-611	-781	-276	-130	-180	-34	181	-39	-348	-48	179	47
279	271	227	172	57	346	-155	-512	-394	-97	55	212	147	46	69	134	185	117	-93	82
125	-448	150	226	233	513	134	-4	-123	-239	-247	-15	165	140	176	-28	-228	171	276	153
208	143	318	498	34	-453	-364	-505	-295	-127	-339	-206	-132	-257	-109	-49	-288	-111	17	253
383	23	197	-1	-124	-80	-173	-347	-439	-218	-110	-349	-133	179	152	21	14	276	164	95
-90	-12	23	366	365	118	371	119	-262	-299	-92	52	-50	-180	-312	-218	-115	-411	-456	-332
-274	-132	45	62	-64	128	31	-69	15	70	24	-130	-139	54	-154	-64	-420	-462	-344	-481
-253	75	359	156	-50	-150	-297	-106	169	140	162	160	58	-38	3	160	337	240	266	439
350	209	209	289	470	484	311	245	267	248	277	218	118	90	66	-113	-81	8	1	-291
-383	-291	-231	105	162	137	172	-60	-46	-191	-12	179	72	64	-128	-157	-96	-262	-50	122
156	208	41	-35	101	34	120	151	39	-90	-160	-248	-253	-77	-44	-21	-99	-200	-190	-18
120	187	151	96	-86	-180	-69	59	178	201	24	12	86	-107	84	296	329	252	46	-136
-61	11	-121	-79	-243	-286	-180	-251	-230	-105	97	153	95	104	49	105	121	17	54	-57
-81	-146	-145	-72	-89	-124	-210	-337	-292	-181	-47	76	83	158	218	52	36	99	6	65

73	-46	-39	-15	-34	-83	31	-40	-54	-22	-142	26	212	116	-56	-33	-104	-152	-175	-188
-135	-88	-313	-344	-264	-197	-84	-110	-159	-146	40	76	-26	37	-23	0	112	19	9	42
114	206	220	353	396	404	476	379	320	313	240	315	266	196	241	201	125	103	50	18
48	152	244	190	140	151	43	-4	-14	12	4	-64	-230	-175	-240	-369	-336	-266	-187	-128
-102	-206	-158	-34	130	-95	11	45	23	-89	-134	-128	-239	-201	-95	-43	13	-112	-165	-180
-147	-22	28	44	130	206	100	108	86	2	35	11	-23	53	143	135	-10	-128	33	64
30	91	80	-10	-73	-36	30	16	-7	49	78	5	-39	47	111	78	159	181	14	-23
-48	-114	-137	-141	-207	-135	-131	-252	-208	-104	-76	-38	-83	-110	68	126	-10	-26	-16	22
37	-100	-155	-72	-104	-229	-182	-130	-165	-74	-138	-138	-179	-105	-134	-189	-181	-135	-82	-94
-15	-4	-22	62	169	184	175	220	261	237	206	117	-8	41	109	117	83	143	121	73
157	216	183	134	167	236	219	211	203	147	179	150	159	167	93	103	126	107	76	108
125	47	32	-54	18	42	-21	0	-25	61	-51	-169	-101	-109	-65	-74	-155	-165	-218	-217
-185	-240	-237	-236	-168	-199	-252	-212	-192	-210	-138	-140	-130	-151	-168	-153	-121	-119	-110	-179
-100	4	-20	-53	-71	-41	-1	-41	-14	62	96	98	89	70	54	51	72	168	176	143
182	226	259	261	177	175	193	225	229	144	84	-2	-24	-5	22	55	-17	-48	-21	-35
21	73	41	13	0	56	56	85	89	-15	-103	-111	-61	-73	-129	-113	-76	-96	-95	-55
-37	-32	-39	-49	-123	-136	-86	-62	-62	-78	-72	-52	-29	14	9	-16	29	100	104	111
121	155	184	168	180	137	152	188	180	180	114	66	69	14	7	38	13	100	104	-59
-48	-50	-96	-104	-81	-79	-75	-60	-109	-92	-85	-118	-88	-102	-100	-105	-136	-114	-125	-132
-113	-136	-108	-89	-125	-124	-114	-84	-64	-32	-20	34	-10	-43	40	81	87	133	163	159
142	115	86	81	93	113	116	108	60	17	38	41	37	70	60	67	102	75	54	78
96	143	114	43	98	89	93	56	-26	-8	-11	-14	-44	-99	-127	-102	-85	-91	-115	-152
-123	-112	-129	-122	-171	-141	-98	-142	-156	-168	-184	-202	-188	-138	-80	-36	-50	-76	-45	-9
23	47	76	117	141	146	190	196	154	155	153	164	175	167	172	167	141	114	81	38
-5	-12	-25	-51	-67	-108	-153	-153	-145	-176	-201	-196	-157	-118	-102	-107	-111	-91	-46	-74
-70	-36	-14	14	6	5	28	42	-16	-19	42	12	18	84	95	82	99	74	36	49
56	46	56	83	116	99	74	82	90	111	117	118	109	79	70	52	60	85	93	22
-19	-26	-50	-34	-20	-16	-10	14	-31	-60	-57	-48	-69	-72	-41	-25	-38	-55	-82	-105
-95	-121	-128	-99	-114	-81	-60	-68	-89	-95	-60	-60	-46	-72	0	-21	-9	-4	9	40
90	106	105	109	125	99	67	53	53	76	93	84	37	34	45	99	137	116	95	75
61	78	105	134	122	100	78	51	60	62	44	13	20	65	85	57	38	20	36	41
24	29	23	-5	-52	-91	-84	-34	-15	-41	-77	-104	-108	-121	-109	-84	-84	-56	-73	-118
-113	-111	-98	-105	-84	-75	-90	-89	-93	-107	-106	-67	-69	-73	-72	-49	-49	-39	-1	16
11	-6	-6	-5	-28	-32	-24	-20	-18	-21	-34	-37	-15	-9	-29	-25	0	32	47	33
27	-3	-9	-6	-6	-6	-1	-2	5	27	42	35	54	56	64	91	88	89	52	30
6	-19	-32	-35	-41	-35	-42	-63	-55	-23	-5	0	-2	-13	21	7	-9	-8	-15	-12
17	19	-4	-8	-16	0	15	-9	-36	-16	9	42	30	37	35	5	25	8	-17	1
-6	-15	-1	-10	-14	-2	12	5	30	46	16	9	8	6	9	47	63	31	1	18
22	4	36	51	81	127	155	129	45	60	103	121	126	144	136	134	132	115	91	48
41	72	33	16	2	-13	-20	-9	13	-44	-89	-80	-98	-99	-75	-97	-137	-89	-100	-149
-94	-92	-79	-48	-90	-99	-66	-138	-127	-135	-129	-53	-13	-54	-55	-33	-50	-96	-123	-99
-61	-27	-7	-51	-57	-38	-39	-8	-48	-57	-20	-28	-21	-21	-16	64	85	9	46	63
-7	12	56	54	64	89	109	50	41	21	72	55	56	32	-17	12	4	-3	21	14
21	42	41	44	55	41	41	23	13	59	81	102	91	75	50	56	72	102	111	129
68	112	109	118	70	51	99	110	86	60	52	35	25	11	-14	-19	-6	-7	-40	-41
-42	-71	-46	-68	-87	-108	-108	-111	-90	-100	-121	-107	-160	-169	-106	-136	-210	-193	-123	-154
-126	-64	-65	-54	-44	-58	-54	-53	16	72	36	7	-7	18	-43	-45	40	42	43	69
-82	-63	-88	-95	-119	-82	-87	-76	-77	-98	-17	35	32	25	-28	-30	-61	-71	-45	-119
-25	-18	-1	21	42	7	32	10	36	106	82	46	72	86	88	90	80	117	93	81

48	-9	28	45	40	54	45	69	96	43	16	-34	-68	-27	3	7	-16	-42	-14	-26
-101	-109	-19	-1	-52	-45	-6	-8	20	1	-68	-84	-14	10	15	43	63	84	86	32
32	18	7	-2	-23	30	20	13	-31	-32	-46	-36	1	-16	-19	-14	-44	-35	-78	-64
-16	-51	-51	-65	-85	-85	-102	-70	-69	-89	-39	-66	-63	-43	-13	10	-55	-28	-27	-21
32	5	-8	9	52	42	-16	26	60	57	90	69	51	44	63	51	10	58	87	52
54	69	42	65	44	4	55	59	77	90	53	51	43	-1	8	-38	-46	-4	-22	-31
-50	-76	-78	-67	-69	-38	-68	-99	-87	-49	-52	-67	-96	-108	-70	-52	-49	-18	-39	25
36	-3	9	30	-16	-41	-35	-17	-3	8	45	17	-24	-52	-74	-48	45	18	25	52
69	63	21	12	21	5	24	-23	1	1	8	27	9	18	34	44	88	80	65	30
30	38	33	58	70	95	90	84	63	58	57	47	40	32	49	12	7	23	-6	-11
2	0	14	-32	-60	-68	-61	-65	-47	-32	-55	-89	-132	-127	-99	-71	-75	-60	-51	-35
-59	-67	-42	1	24	39	41	14	-8	-25	-13	-3	0	12	8	34	25	15	17	37
47	24	21	41	32	26	36	22	-4	4	41	33	48	28	10	11	27	23	19	14
29	27	16	-17	-36	-41	-29	-3	-2	2	10	-5	2	13	-4	-1	12	-14	-33	-28
-47	-54	-21	-1	-10	-22	-46	-62	-56	-36	-7	2	-24	-58	-64	-44	-9	-15	-22	-12
-17	-30	8	39	54	47	30	15	24	40	20	-4	6	13	9	-2	-11	20	44	31
39	31	23	41	22	26	38	54	50	31	12	19	13	22	40	42	43	36	31	24
6	18	6	-10	-12	-23	-18	-39	-27	-26	-57	-50	-41	-6	6	-11	-9	-18	-23	-23
-20	-12	-19	-32	-42	-53	-39	-33	-43	-42	-46	-34	-26	-18	-9	-18	-35	-43	-26	-27
-5	6	2	11	-23	-26	-15	2	5	5	-12	-24	-14	3	13	32	50	48	49	35
32	26	28	41	37	36	32	19	27	4	-29	-17	-35	-35	-12	-17	-2	-9	-22	-16
-19	-7	26	36	25	28	30	30	38	43	39	29	35	40	32	44	33	13	11	25
31	9	6	8	22	31	31	42	28	26	12	5	21	5	-6	-7	-20	-9	-9	-3
-19	-25	-11	-21	-21	-3	-7	-8	-22	-45	-29	-33	-23	-22	-33	-10	8	1	7	12
30	28	17	21	25	24	28	15	10	4	-7	-4	8	20	-9	-12	-17	-18	-12	-21
-10	-12	-13	-27	-40	-35	-27	-20	-39	-26	-21	-34	-7	0	-15	-30	-43	-55	-61	-34
-31	-27	-16	-26	-18	-20	-4	4	3	-5	-18	-24	-9	-12	-30	-28	-25	-21	-11	-9
-6	-5	-5	-10	-10	4	23	30	21	4	11	5	27	44	33	32	37	43	54	42
35	23	10	8	1	8	23	10	14	11	3	16	32	8	13	23	13	12	-5	-13
-9	-5	-14	-23	-11	-24	-27	-24	-17	-6	-8	-6	-8	-9	-3	-12	-7	-8	-6	-4
-4	9	-12	-16	-10	-4	0	-7	-9	-30	-30	-31	-10	-8	-18	3	0	-2	15	27
26	27	42	30	22	23	20	18	3	8	20	6	-6	-4	-15	-35	-37	-27	-12	-1
1	10	21	17	18	16	10	8	17	3	1	-7	-6	-5	-25	-23	-22	-37	-22	-15
-13	7	5	5	3	-9	-1	-6	-15	-8	-8	-9	0	-14	-14	-7	2	-3	-10	-11
2	-6	3	17	12	20	10	-2	2	3	19	21	27	30	18	28	37	32	37	46
25	30	34	29	36	33	43	33	30	39	44	39	43	33	26	31	32	32	26	24
13	0	7	2	3	-12	-26	-19	-14	-26	-26	-27	-26	-18	-41	-33	-29	-45	-35	-37
-30	-35	-37	-16	-8	-11	-12	-11	-1	-11	-4	-15	-10	-7	-10	-15	-20	-13	-16	-17
-16	-28	-27	-23	-13	-8	-9	4	7	-5	-4	0	8	5	-3	-10	-11	-15	-10	3
3	11	22	12	4	3	12	25	20	18	8	21	19	10	10	7	8	3	-12	-23
-10	3	-6	-10	-7	-12	-18	-11	-19	-13	-8	3	6	5	6	14	25	30	28	24
12	5	6	4	0	0	-6	-11	-13	-11	-12	-13	-9	-12	-16	-21	-24	-4	2	-6
-15	-19	-21	-18	-7	-6	-14	-8	-7	-1	9	13	14	1	-2	0	3	1	-13	-14
-8	-5	3	-3	4	23	25	33	27	13	14	15	2	-20	9	20	-10	-14	-24	-31
-8	-7	2	-2	1	-6	-14	-5	9	9	-6	-19	-16	-11	-4	-4	-3	2	7	1
4	22	23	13	3	14	16	14	18	13	6	24	21	2	3	9	8	2	2	-2
-10	1	11	-6	-12	0	9	7	0	-20	-17	-23	-19	0	-3	-15	1	-7	-7	-15
-1	-8	-5	-9	-9	8	-9	-14	-15	-22	-10	-2	-15	-24	-11	-15	-15	3	5	13
25	15	25	16	16	31	26	30	35	26	22	26	17	21	14	17	13	19	23	10
7	16	16	16	14	-2	-13	-3	-7	-12	-12	-18	-17	-38	-29	-27	-27	-18	-29	-28
-22	-24	-14	-9	-22	-9	-16	-10	-8	5	1	-5	-3	-5	12	15	20	8	-8	-2
-7	-10	-4	-14	-14	-5	-19	-21	-7	-7	-1	-5	-3	-5	-5	-27	-27	-18	-29	-28

II1138 71.136.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 462 15910 VENTURA BLVD., 9TH FLOOR, LOS ANGELES, CAL. COMP S81E 34 09 36N, 118 28 48W
INSTR PERIOD = 0.0400 SEC DAMPING = 0.648 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -128.9 CM/SEC/SEC AT 9.82 SEC VELO = 26.7 CM/SEC AT 18.36 SEC DISP = 12.8 CM AT 15.90 SEC

2756 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.25795 CM/SEC INITIAL DISP = -0.02898 CM

-3	-11	-16	-11	-3	0	1	-1	-4	-5	3	6	-1	-10	-9	2	12	10	-16	-29
-31	-27	-9	9	16	17	19	19	15	-3	-28	-41	-22	-8	-3	-2	-11	13	31	32
24	26	5	-10	-23	-27	-5	-1	0	17	48	53	31	12	5	28	52	41	-1	-40
-50	-68	-89	-82	-45	-6	15	21	18	21	18	25	35	25	-2	-33	-42	-11	13	23
7	-13	-29	-36	-24	-12	-21	-38	-17	25	53	50	19	-3	-11	-40	-61	-39	-4	-23
-69	-62	4	78	63	-15	-79	-79	-30	5	3	3	39	85	96	98	90	39	-30	-123
-176	-158	-118	-104	-91	-72	-20	60	116	157	158	105	61	50	69	130	177	159	51	-81
-90	-58	-68	-150	-191	-125	-24	27	6	-48	-79	-33	21	31	23	52	66	24	-8	-9
17	9	-53	-132	-165	-120	-71	-44	-29	30	132	212	221	170	86	65	130	160	106	40
-52	-127	-167	-134	-60	-3	11	-7	40	109	166	189	138	69	5	-49	-77	-89	-151	-267
-336	-288	-112	-23	-64	-149	-131	-26	46	75	101	117	81	26	35	88	115	83	7	-6
35	88	118	155	140	-68	-12	-65	-62	-19	-5	-5	-32	24	107	130	93	-26	-82	-44
-20	-67	-186	-251	-235	-201	-188	-195	-133	-34	39	76	94	162	262	329	358	393	444	464
406	357	172	50	29	-11	-58	-71	-102	-198	-332	-443	-403	-232	-79	-1	25	42	7	-28
30	255	508	611	512	242	-50	-222	-347	-441	-511	-471	-371	-311	-306	-276	-201	-127	7	151
210	211	227	283	338	371	349	412	572	568	358	107	11	129	186	45	-218	-448	-567	-603
-426	-18	352	527	476	256	6	-206	-452	-626	-670	-669	-751	-856	-918	-873	-652	-341	-144	-60
26	183	300	397	512	627	608	366	81	-149	-250	-300	-329	-251	-38	89	95	17	95	217
165	15	-81	-21	172	266	246	184	106	25	21	96	151	167	106	-17	-90	-98	-25	35
22	-128	-321	-273	-83	-23	-79	-171	-194	-212	-258	-239	-64	107	176	79	-56	-150	-190	-209
-227	-188	-25	197	300	320	371	437	520	540	446	230	148	222	194	-4	-171	-243	-291	-286
-93	328	527	552	451	286	120	0	-85	-160	-156	120	369	247	27	-67	-60	-49	-75	-257
-436	-571	-666	-707	-638	-592	-558	-536	-567	-564	-284	-2	141	240	250	388	590	650	661	590
503	349	217	174	163	182	204	196	226	260	259	245	338	545	759	828	714	531	392	333
239	-16	-220	-321	-369	-488	-635	-772	-877	-1013	-1181	-1289	-1235	-1167	-1095	-948	-702	-414	-177	17
184	468	730	832	838	816	806	823	841	769	726	727	692	576	433	383	408	487	516	509
473	401	311	158	-51	-285	-508	-696	-974	-1222	-1286	-1152	-969	-792	-635	-482	-425	-508	-583	-530
-287	-4	267	526	750	997	1053	840	555	379	212	87	107	250	372	356	249	62	-87	-187
-231	-234	-118	34	79	75	53	24	-49	-217	-305	-213	-1	129	56	-105	-294	-445	-489	-486
-458	-418	-384	-344	-238	-31	179	266	158	-51	-173	-136	-49	-25	-45	-124	-113	-18	71	149
190	288	361	353	311	265	231	226	248	222	150	74	18	88	223	357	364	190	-21	-136
-144	-121	-181	-282	-379	-526	-675	-739	-692	-535	-405	-284	-188	-127	-127	-217	-307	-318	-246	-221
-263	-336	-389	-366	-281	-148	-28	17	49	116	194	235	177	3	-129	-207	-245	-256	-212	-139
-120	-91	-6	163	347	437	400	286	178	78	-23	-120	-175	-182	-164	-114	-35	-69	186	268
299	310	315	301	263	169	-5	-241	-412	-434	-434	-426	-398	-297	-189	-115	-88	-66	-12	66
154	252	304	298	308	388	481	533	597	543	633	669	697	748	794	772	695	596	548	529
580	543	445	360	283	278	347	367	407	434	392	318	236	158	78	-47	-167	-262	-322	-341
-310	-287	-288	-291	-289	-273	-241	-185	-39	100	179	223	203	157	106	84	113	181	221	211
138	34	-39	-43	0	169	330	383	401	379	340	302	265	236	225	194	135	44	-93	-233
-326	-398	-441	-499	-567	-633	-692	-763	-796	-830	-867	-902	-901	-865	-831	-796	-737	-680	-551	-357

-193	-110	-90	-74	-90	-364	-462	-482	-490	-513	-515	-486	-452	-412	-430	-437	-392	-341	-282
-188	-126	-94	-95	-92	-48	-22	-16	0	-35	-28	-10	32	76	107	108	92	47	2
-21	-30	-4	43	104	175	209	193	151	74	90	147	197	238	254	254	268	204	118
48	-11	-18	-30	-47	-73	-83	-80	-47	56	245	454	576	629	637	635	608	583	556
502	456	414	367	351	384	390	385	382	380	393	435	447	453	465	472	484	513	556
619	665	690	676	623	562	502	437	290	252	251	245	230	182	143	117	66	4	-55
-120	-190	-222	-206	-206	-218	-264	-319	-396	-471	-486	-510	-529	-580	-611	-588	-514	-448	-392
-360	-325	-275	-249	-250	-255	-241	-178	-111	-60	-22	47	107	79	28	-24	-77	-133	-217
-310	-358	-416	-465	-521	-561	-575	-550	-621	-676	-710	-702	-752	-777	-735	-647	-558	-530	-513
-463	-411	-342	-267	-210	-190	-196	-206	-194	-186	-223	-250	-259	-246	-227	-206	-162	-86	-17
81	192	267	315	362	357	337	341	361	489	536	544	533	464	414	391	354	329	304
304	292	274	230	195	176	187	199	179	248	313	419	499	545	560	565	565	564	562
567	596	624	623	589	549	461	323	221	223	162	191	217	218	218	199	205	222	246
258	263	254	224	198	188	175	151	116	28	-54	-122	-173	-175	-138	-103	-71	-48	-29
-12	14	28	34	35	40	57	75	82	34	-31	-120	-226	-369	-534	-698	-791	-867	-949
-1024	-1085	-1103	-1068	-1041	-965	-967	-961	-952	-649	-631	-460	-365	-221	-98	-90	-96	-97	-100
-72	-17	50	102	119	111	107	119	158	234	296	360	414	454	476	473	436	379	313
223	77	-109	-215	-283	-339	-383	-415	-403	-365	-356	-375	-426	-465	-472	-438	-376	-298	-235
-166	-92	-27	16	48	94	187	307	443	568	648	705	721	778	859	948	985	992	984
978	959	949	952	942	914	860	774	635	522	474	403	298	215	128	53	-16	-99	-197
-241	-301	-376	-424	-450	-480	-511	-550	-588	-681	-723	-739	-746	-742	-730	-701	-656	-557	-405
-304	-239	-139	10	122	225	311	359	409	471	483	485	483	471	427	375	321	247	169
104	50	9	-11	-41	-77	-119	-130	-123	-147	-170	-195	-214	-228	-222	-237	-246	-272	-353
-449	-517	-565	-616	-634	-627	-619	-620	-616	-598	-563	-519	-497	-490	-469	-415	-365	-318	-271
-203	-139	-75	-12	48	111	164	220	261	332	343	346	334	322	305	293	293	314	331
324	302	290	301	324	351	375	385	357	211	141	95	56	20	-36	-87	-135	-179	-229
-296	-337	-376	-394	-399	-410	-424	-424	-400	-298	-210	-128	-38	66	202	283	324	357	393
422	472	519	554	577	594	599	596	595	497	449	424	411	405	378	342	322	294	260
228	196	159	120	89	73	63	43	13	-27	-41	-63	-96	-112	-128	-180	-252	-326	-387
-434	-446	-429	-393	-348	-304	-246	-181	-114	16	61	123	176	220	243	256	263	260	230
188	153	122	108	100	90	77	59	41	52	82	104	107	81	39	4	-24	-53	-100
-148	-199	-251	-281	-292	-313	-329	-351	-356	-308	-281	-256	-239	-222	-217	-217	-209	-181	-129
-92	-75	-54	-3	69	119	118	110	108	97	73	48	17	-19	-45	-80	-105	-114	-122
-146	-157	-159	-181	-220	-263	-282	-283	-295	-356	-388	-426	-452	-444	-404	-358	-301	-281	-276
-266	-242	-222	-201	-160	-120	-77	-38	-7	64	96	122	133	150	164	161	144	134	139
169	195	203	191	172	160	148	147	150	136	130	115	107	97	105	114	98	74	53
41	45	57	74	92	98	111	118	121	123	137	158	165	162	161	171	178	194	222
269	317	352	405	422	429	434	445	465	485	493	508	522	539	548	556	535	489	431
375	317	292	270	239	218	196	184	155	48	16	-12	-46	-77	-104	-147	-205	-255	-289
-315	-330	-336	-345	-364	-373	-380	-388	-411	-398	-380	-338	-290	-262	-257	-261	-252	-230	-224
-224	-218	-208	-188	-168	-162	-174	-192	-196	-176	-154	-132	-115	-83	-52	-30	-26	-39	-47
-46	-51	-55	-53	-40	-35	-63	-114	-176	-281	-313	-346	-379	-405	-433	-461	-486	-504	-514
-518	-510	-500	-480	-462	-439	-414	-378	-352	-282	-255	-233	-202	-167	-124	-75	-48	-42	-41
-34	-11	18	56	92	116	143	187	291	331	353	376	396	438	463	476	460	441	419
409	405	397	369	349	351	352	343	316	312	307	284	270	266	261	271	282	309	314
310	294	281	285	280	259	234	237	247	284	274	267	265	255	254	253	274	301	326
343	350	348	363	371	362	353	329	294	270	251	229	205	182	177	142	81	42	12
-14	-50	-73	-96	-112	-122	-147	-200	-257	-347	-374	-405	-452	-491	-534	-565	-577	-571	-568
-577	-598	-618	-628	-606	-564	-519	-496	-479	-430	-376	-322	-272	-237	-195	-155	-141	-142	-142
-122	-81	-52	-21	-4	18	23	1	-30	-97	-112	-110	-90	-74	-70	-63	-61	-63	-86

-124	-158	-187	-184	-184	-183	-181	-175	-163	-152	-163	-188	-227	-260	-276	-281	-274	-251	-218	-194
-170	-161	-175	-194	-215	-231	-236	-221	-179	-127	-72	-19	20	53	81	115	162	209	259	303
311	310	321	337	386	446	489	511	506	500	499	500	500	529	556	567	533	488	446	413
407	403	383	350	323	298	279	275	268	259	243	217	194	173	148	136	133	124	114	95
88	88	85	76	74	74	78	75	76	65	41	20	20	29	43	51	52	41	46	38
20	4	9	19	28	31	26	10	2	4	2	-7	-33	-57	-53	-55	-71	-118	-150	-194
-144	-119	-89	-87	-105	-128	-148	-158	-166	-179	-204	-226	-250	-262	-267	-272	-293	-335	-360	-380
-380	-371	-356	-357	-344	-334	-333	-358	-378	-386	-374	-348	-308	-252	-224	-207	-182	-153	-135	-110
-82	-65	-59	-51	-30	-9	4	-1	-9	-18	-17	-11	-15	-12	-7	-3	9	9	-12	-35
-55	-65	-75	-84	-90	-107	-115	-109	-110	-126	-140	-137	-130	-97	-48	-12	21	65	112	152
165	167	167	174	183	200	206	202	210	218	229	244	259	277	287	296	297	300	298	296
299	298	291	303	328	332	334	317	307	295	272	243	230	226	213	194	172	153	134	119
101	69	50	46	55	62	68	60	61	61	46	56	66	55	56	60	74	72	59	53
31	19	15	-1	-20	-41	-52	-51	-38	-24	-17	-8	2	-14	-26	-38	-57	-59	-55	-58
-47	-56	-68	-101	-142	-161	-189	-203	-216	-221	-222	-218	-210	-213	-225	-256	-285	-298	-293	-276
-252	-239	-233	-223	-198	-165	-136	-122	-119	-121	-128	-145	-164	-168	-168	-169	-168	-172	-169	-164
-163	-168	-163	-154	-147	-131	-112	-104	-109	-121	-130	-127	-115	-105	-93	-83	-69	-61	-69	-81
-89	-101	-108	-101	-95	-92	-82	-66	-54	-34	-11	14	40	57	75	104	134	160	176	180
196	224	254	266	264	250	219	195	173	150	127	119	128	136	140	151	157	155	150	155
155	167	184	183	164	149	135	133	140	149	151	151	147	133	117	108	99	102	104	100
96	98	101	110	119	145	157	158	160	170	182	194	199	198	182	161	132	107	80	58
39	24	14	6	2	-2	4	8	7	-3	-17	-36	-42	-38	-35	-52	-76	-92	-107	-122
-132	-153	-173	-191	-205	-228	-253	-276	-292	-295	-286	-275	-269	-258	-240	-213	-175	-153	-131	-112
-78	-45	-22	-16	-17	-18	-14	-12	-8	-9	-14	-25	-28	-18	0	16	26	26	10	-6
-9	1	-2	-12	-19	-26	-25	-20	-15	-32	-56	-74	-84	-97	-116	-128	-127	-125	-143	-172
-203	-228	-230	-224	-216	-210	-196	-170	-160	-153	-136	-112	-70	-33	-5	26	45	62	84	102
113	130	151	164	175	182	179	189	195	206	222	250	260	263	267	270	276	292	309	317
327	321	315	295	248	184	144	115	84	57	37	22	8	-15	-35	-63	-80	-88	-101	-116
-132	-139	-128	-108	-96	-90	-87	-79	-82	-78	-71	-63	-54	-48	-38	-7	15	26	38	42
39	43	53	66	81	90	100	112	109	115	148	175	182	189	190	188	182	163	131	114
91	62	35	4	-32	-72	-103	-128	-149	-156	-170	-186	-204	-217	-213	-208	-197	-189	-184	-192
-201	-208	-211	-213	-213	-209	-201	-197	-199	-196	-191	-188	-184	-174	-164	-154	-139	-122	-102	-86
-68	-46	-26	-7	7	24	39	47	56	69	75	78	86	91	95	97	98	96	86	78
66	57	49	40	27	16	15	12	3	-1	-1	-1	1	6	12	16	14	15	14	10
5	-3	-11	-10	5	27	46	61	70	74	79	92	103	117	131	143	151	150	141	132
119	99	81	72	67	65	62	54	49	44	40	34	30	20	21	32	40	39	45	47
45	42	30	27	32	40	48	49	49	46	40	34	30	22	13	8	10	9	6	4
-2	-6	-13	-17	-18	-16	-14	-20	-25	-28	-36	-40	-50	-58	-55	-51	-51	-48	-47	-47
-48	-50	-52	-51	-49	-41	-41	-48	-53	-62	-77	-88	-97	-105	-114	-122	-126	-131	-134	-128
-115	-109	-104	-101	-99	-90	-78	-74	-71	-73	-75	-72	-71	-65	-58	-49	-44	-46	-52	-53
-58	-60	-59	-56	-50	-39	-25	-11	-4	3	15	30	33	38	42	43	42	36	32	28
24	23	14	3	-14	-26	-31	-29	-26	-19	-12	-7	0	10	24	34	45	57	65	73
80	88	95	103	113	119	122	121	120	115	113	111	98	87	74	67	61	57	53	50
47	46	42	44	48	53	61	66	67	63	56	53	54	51	51	49	48	51	54	55
53	52	52	52	53	57	57	49	39	27	22	21	19	15	11	5	-4	-10	-13	-19
-25	-33	-42	-49	-56	-60	-68	-77	-85	-93	-96	-101	-103	-96	-88	-79	-69	-63	-62	-59
-56	-55	-54	-55	-54	-50	-41	-36	-34	-31	-34	-33	-34	-34	-33	-27	-14	-2	0	6
10	14	11	3	-1	-4	-7	-10	-13	-15	-16	-17	-16	-20	-27	-34	-14	-2	0	6

111138 71.136.0

STATION NO. 462

INSTR PERIOD = 0.0410 SEC DAMPING = 0.590

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
15910 VENTURA BLVD., 9TH FLOOR, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S09W 34 09 36N, 118 28 48W

PEAK VALS

ACLN = 174.3 CM/SEC/SEC AT 19.26 SEC

VELO = -47.6 CM/SEC AT 18.98 SEC

DISP = -19.0 CM AT 15.98 SEC

INITIAL VELO = 0.30726 CM/SEC INITIAL DISP = -0.11048 CM

2755 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-6	-1	15	20	1	-7	-4	1	5	8	12	3	-7	-18	-9	1	-3	-11	-17	-4
7	3	-11	-14	-11	-13	-2	0	-9	-17	-34	-23	6	14	-12	-27	-16	6	17	-18
-44	-17	9	19	7	-3	-5	-18	-43	-20	1	-28	-54	-63	-42	-21	-40	-83	-77	-13
29	31	-13	-27	15	51	58	40	6	-8	-2	11	1	-5	26	48	21	-18	-19	-1
19	18	29	48	38	-4	-41	-11	49	58	6	-22	-5	20	13	-26	-24	16	36	34
37	50	61	21	-12	-25	16	107	135	78	-3	-51	-54	10	87	75	28	-21	-19	25
53	60	76	96	109	88	63	61	12	-33	-21	-29	-39	-36	-50	-62	-73	-124	-135	-73
25	54	16	-45	-52	37	128	109	42	36	104	147	113	-38	-145	-78	26	57	21	-16
-24	1	38	80	125	129	93	37	-32	-39	10	27	-21	-75	-73	-19	24	-5	-100	-150
-100	-59	-62	-109	-183	-222	-227	-189	-140	-154	-220	-249	-212	-121	-47	-25	-6	17	8	-43
-43	66	171	152	50	52	145	151	42	-90	-93	18	123	97	26	-42	-89	-117	-113	-93
-69	-64	-89	-129	-156	-127	-54	-5	-18	-74	-153	-212	-203	-98	-14	-52	-205	-250	-121	4
20	-25	-26	104	233	223	134	75	87	113	106	39	31	87	119	94	48	60	60	60
50	62	101	137	21	-30	116	197	244	208	156	152	80	-43	-184	-275	-283	-298	-286	-286
-263	-311	-346	-205	27	119	35	33	235	495	532	297	92	193	324	332	241	262	382	314
56	-101	-87	-107	-177	-170	-12	262	498	541	472	466	551	641	644	592	567	548	416	193
-97	-276	-340	-450	-668	-872	-881	-828	-910	-1032	-981	-621	-160	-56	-107	-22	239	428	453	394
329	310	231	44	-125	-243	-248	-123	90	225	147	-14	-133	-241	-448	-629	-593	-259	114	189
28	27	256	412	370	237	232	438	537	474	359	224	66	-96	-221	-196	-118	-106	-128	-144
-137	-84	-35	32	109	157	127	123	149	231	249	79	-222	-261	-130	-144	-423	-721	-689	-389
-247	-406	-701	-864	-704	-463	-378	-346	-277	-136	-33	28	117	425	659	424	124	77	173	179
45	-216	-222	59	218	249	285	251	205	198	190	111	69	-30	229	742	1058	1129	1038	819
636	575	457	146	-136	-140	-118	-121	-162	-369	-652	-740	-751	-742	-718	-571	-328	-108	-99	-67
60	205	424	652	663	462	236	52	-154	-412	-733	-1036	-1151	-940	-506	-190	-119	-217	-250	-165
-61	-42	-15	173	403	619	757	866	967	1091	1168	1091	843	501	272	144	32	-70	-190	-357
-587	-664	-563	-485	-563	-715	-741	-607	-473	-481	-568	-557	-360	-108	68	135	137	98	79	-33
-115	-58	109	312	452	554	645	613	471	196	-60	-166	-233	-224	-195	-152	-157	-231	-337	-430
-444	-437	-615	-660	-466	-160	-83	-269	-580	-612	-430	-229	-147	-130	-94	-23	27	103	212	346
488	583	577	480	406	340	295	231	71	-94	-43	92	154	125	148	264	404	595	837	1007
938	562	126	-150	-238	-287	-402	-614	-727	-625	-436	-371	-432	-417	-297	-122	-1	-89	-312	-564
-752	-801	-710	-663	-623	-540	-431	-374	-365	-333	-276	-125	85	278	404	442	501	672	930	1118
1057	774	562	587	749	892	944	980	1047	1100	1080	1023	970	919	795	638	511	356	156	-172
-429	-429	-302	-141	32	246	445	481	402	343	341	234	41	-118	-168	-234	-380	-530	-608	-592
-593	-616	-599	-500	-351	-216	-109	49	184	192	144	91	39	-13	25	10	25	12	5	16
33	31	34	46	84	169	266	297	347	439	510	476	368	271	227	157	39	-40	-43	-46
-134	-397	-725	-960	-1099	-1137	-1139	-1176	-1137	-1005	-937	-930	-941	-897	-818	-751	-666	-522	-395	-330
-220	-16	114	162	142	101	14	-67	-163	-241	-285	-308	-251	-119	23	158	225	282	412	528
580	606	647	764	897	961	803	494	177	-60	-332	-577	-692	-711	-681	-755	-954	-1210	-1387	-1518
-1551	-1475	-1348	-1230	-1177	-1154	-1120	-1039	-958	-856	-708	-533	-364	-238	-149	-47	83	185	254	329
435	564	684	809	893	951	1015	1078	1134	1176	1214	1216	1240	1313	1411	1487	1509	1483	1456	1443

1409	1297	1164	1006	840	695	543	410	308	187	73	5	-17	-76	-162	-259	-306	-252	-130	-69
-34	-7	36	76	99	105	102	71	40	71	128	140	154	209	309	424	495	520	550	586
627	628	589	524	428	341	255	170	84	15	-7	-25	-90	-172	-222	-235	-224	-213	-199	-182
-167	-187	-230	-316	-424	-473	-529	-556	-596	-662	-741	-824	-932	-1022	-1058	-1018	-926	-824	-765	-720
-682	-663	-622	-578	-527	-478	-437	-366	-218	-29	137	259	303	334	379	417	436	477	580	626
568	519	481	408	324	308	274	205	168	157	95	-7	-101	-176	-245	-299	-352	-429	-527	-626
-708	-807	-887	-933	-949	-944	-935	-949	-965	-973	-978	-991	-991	-940	-871	-859	-907	-970	-996	-1380
-958	-959	-952	-899	-784	-610	-422	-251	-137	-34	91	275	491	675	790	892	1022	1172	1300	1380
1449	1572	1710	1743	1685	1572	1501	1483	1453	1348	1275	1312	1218	1140	1116	1048	979	891	729	637
574	528	471	374	273	233	230	245	204	136	60	-28	-120	-208	-297	-396	-485	-587	-712	-815
-842	-813	-783	-764	-732	-654	-544	-517	-458	-400	-397	-397	-291	-170	-90	9	16	-43	-38	13
39	75	110	125	135	130	111	115	118	104	94	71	28	-15	-57	-116	-161	-172	-156	-128
-99	-113	-152	-187	-203	-195	-158	-110	-72	-83	-59	-36	-28	-34	13	26	1	-29	-33	-49
-61	-67	-59	-58	-54	-48	-21	18	56	93	128	155	173	204	244	214	170	156	166	187
184	152	102	34	-26	-97	-200	-289	-344	-375	-391	-434	-474	-486	-480	-489	-529	-567	-607	-626
-611	-527	-452	-418	-413	-419	-435	-373	-276	-264	-244	-95	-179	-105	9	2	16	13	52	140
220	299	422	563	581	546	585	653	696	762	788	770	764	832	851	817	777	739	664	585
502	432	347	226	86	-50	-149	-196	-240	-293	-357	-409	-446	-453	-450	-457	-497	-539	-562	-568
-560	-549	-545	-505	-433	-354	-277	-234	-217	-172	-92	-23	32	106	180	253	310	339	383	439
476	488	495	484	453	450	462	446	402	346	288	268	264	263	263	257	239	192	133	84
22	-47	-85	-142	-224	-299	-339	-380	-434	-506	-578	-598	-582	-570	-580	-616	-634	-620	-581	-542
-494	-440	-380	-333	-290	-229	-148	-77	-18	15	39	66	95	144	199	247	287	314	328	328
329	332	317	274	211	171	195	218	239	234	222	209	192	167	129	77	27	-34	-78	-91
-91	-91	-114	-177	-235	-298	-312	-312	-321	-323	-303	-258	-221	-207	-208	-196	-168	-153	-157	-159
-141	-104	-60	-18	3	-1	25	71	116	179	221	232	247	273	306	337	363	387	428	474
522	567	592	619	648	651	642	639	638	639	620	586	556	520	464	400	328	231	132	56
5	-43	-89	-138	-181	-203	-202	-196	-201	-227	-246	-263	-295	-336	-382	-419	-448	-475	-505	-552
-589	-590	-585	-627	-663	-643	-585	-540	-507	-487	-452	-380	-305	-215	-125	-78	-17	66	145	220
277	308	345	388	427	464	495	507	490	459	431	421	403	378	341	296	236	179	132	97
84	79	67	28	-13	-37	-66	-69	-104	-147	-183	-231	-270	-302	-341	-387	-436	-481	-519	-555
-585	-607	-623	-637	-644	-657	-677	-698	-692	-638	-576	-518	-459	-390	-310	-231	-151	-76	-15	33
89	152	216	276	317	356	394	423	448	491	528	537	513	501	521	547	534	486	425	362
346	330	302	260	203	133	86	81	68	37	-11	-57	-99	-135	-162	-187	-205	-224	-244	-268
-302	-337	-370	-384	-373	-352	-337	-324	-315	-283	-226	-174	-127	-85	-50	-16	19	52	86	122
160	204	257	304	337	357	379	412	448	488	531	578	624	647	650	645	634	622	605	557
497	423	358	321	277	228	197	160	96	35	-10	-30	-35	-90	-151	-194	-232	-267	-300	-331
-361	-390	-414	-435	-452	-461	-470	-472	-466	-458	-443	-411	-363	-308	-240	-180	-124	-86	-61	-32
-2	25	49	71	102	142	185	214	231	255	280	303	321	331	337	340	325	293	264	242
227	201	147	84	43	13	-15	-42	-67	-87	-103	-111	-134	-165	-201	-248	-290	-337	-384	-418
-447	-469	-483	-491	-504	-514	-505	-485	-455	-429	-397	-356	-306	-243	-184	-131	-80	-38	-10	7
36	74	118	150	151	152	167	206	243	255	263	264	265	267	261	251	243	235	228	222
215	202	189	170	146	121	97	76	52	27	7	3	-14	-61	-119	-162	-196	-230	-265	-290
-303	-315	-322	-323	-326	-326	-314	-285	-253	-232	-211	-169	-127	-91	-51	-32	-27	-19	16	73
116	150	176	190	201	236	261	278	280	280	292	327	368	399	410	406	407	424	451	461
446	398	353	327	293	251	220	199	167	116	78	41	4	-36	-71	-116	-148	-160	-182	-182
-194	-195	-189	-191	-196	-205	-199	-179	-161	-140	-130	-132	-136	-133	-117	-96	-77	-74	-94	-110
-112	-117	-102	-79	-59	-58	-52	-19	19	55	82	81	52	43	53	53	44	30	12	5
-4	-25	-58	-75	-71	-68	-76	-115	-144	-147	-129	-105	-107	-127	-140	-146	-157	-175	-193	-185
-161	-120	-74	-15	30	54	36	12	19	59	111	138	139	132	145	161	176	190	177	169
182	220	258	276	274	269	242	192	153	124	99	88	79	71	65	31	-23	-78	-106	-108

-100	-96	-99	-110	-126	-170	-230	-280	-303	-289	-269	-273	-287	-267	-230	-237	-270	-314	-335	-303
-254	-203	-157	-110	-60	-19	-4	-1	11	28	48	73	115	172	231	264	262	243	219	206
210	223	257	292	309	307	273	235	202	185	176	177	200	232	241	222	191	139	101	64
44	28	25	40	36	32	20	-11	-40	-86	-134	-179	-196	-197	-203	-219	-264	-300	-314	-301
-250	-209	-183	-179	-190	-203	-214	-228	-235	-236	-205	-172	-157	-143	-123	-72	-20	8	6	13
53	77	83	64	30	4	-6	-12	-5	21	56	71	56	40	36	23	15	17	30	39
50	70	79	72	70	71	83	96	114	123	126	144	165	129	87	43	30	34	21	-13
-33	-38	-33	-15	-15	-28	-27	-20	-18	-24	-31	-32	-28	-23	-10	2	17	37	58	65
50	22	6	-5	-5	-3	-4	5	20	38	52	73	89	96	93	73	77	113	137	140
140	156	182	205	228	243	246	242	209	163	125	123	99	73	41	17	25	36	38	40
38	31	22	19	8	-14	-35	-57	-77	-94	-103	-111	-123	-136	-139	-115	-91	-82	-93	-109
-119	-130	-132	-148	-168	-165	-148	-144	-144	-131	-102	-79	-61	-43	-33	-28	-7	-3	-18	-22
-28	-25	-21	-35	-29	-25	-32	-35	-47	-78	-84	-78	-69	-68	-79	-82	-83	-102	-106	-97
-100	-98	-94	-103	-110	-114	-108	-106	-124	-160	-176	-163	-119	-84	-70	-65	-58	-43	-38	-46
-49	-41	-25	-3	8	11	31	55	77	93	116	142	162	174	160	140	154	169	174	151
134	126	127	134	134	105	73	46	27	4	-7	-3	-2	-8	-21	-33	-45	-63	-98	-136
-143	-131	-113	-100	-85	-72	-80	-91	-94	-84	-65	-51	-31	0	22	39	55	61	62	68
76	75	79	91	108	116	126	138	142	148	137	142	160	159	160	157	146	150	150	134
133	126	113	94	88	87	91	106	123	124	108	84	46	-1	-40	-76	-106	-130	-144	-142
-128	-108	-84	-75	-86	-93	-98	-103	-110	-112	-108	-96	-72	-38	-13	12	26	24	13	-1
-17	-31	-28	-24	-30	-37	-49	-55	-47	-40	-37	-45	-52	-52	-41	-15	13	27	50	71
78	82	98	110	106	-56	66	54	44	40	35	21	-5	-21	-26	-28	-24	-23	-21	-23
-27	-32	-46	-47	-55	-56	-56	-41	-19	-10	-10	-22	-27	-20	-14	-13	-16	-12	-24	-38
-30	-10	-11	-26	-48	-47	-38	-32	-37	-54	-68	-59	-48	-39	-31	-22	-19	-10	9	8
18	27	27	30	30	30	31	29	23	14	14	18	30	40	36	35	29	32	35	34
30	27	24	15	8	-2	-5	-3	5	21	29	31	31	27	27	30	25	16	0	-5
-15	-23	-30	-39	-63	-74	-86	-92	-90	-96	-99	-97	-87	-88	-86	-82	-82	-84	-85	-90
-91	-84	-73	-60	-38	-34	-38	-35	-34	-33	-35	-32	-22	-2	18	28	40	34	32	49
67	88	102	102	104	116	132	136	139	147	156	159	170	160	144	134	112	84	67	52
40	26	10	-7	-8	-3	-3	2	12	2	-7	-6	-2	-6	-9	-14	-17	-24	-39	-57
-55	-56	-58	-59	-67	-76	-84	-89	-86	-81	-86	-83	-61	-38	-21	-9	0	2	-6	-14
-9	-1	22	53	67	66	76	86	93	79	63	47	38	38	35	22	14	16	25	29
24	18	13	6	6	23	50	72	75	52	30	28	21	27	28	19	12	0	-7	-14
-18	-32	-55	-69	-84	-87	-84	-85	-92	-96	-95	-103	-110	-123	-137	-146	-157	-159	-144	-117
-94	-75	-63	-54	-46	-32	-23	-14	-6	-5	2	16	31	39	36	23	7	1	-4	-9
2	0	-12	-10	2	8	13	32	45	47	55	57	67	82	90	89	88	84	87	74
59	40	13	-11	-37	-59	-87	-108	-129	-144	-145	-137	-132	-123	-114	-108	-87	-54	-20	1
19	46	79	101	119	132	139	138	139	138	119	101	92	83	71	57	35	19	24	26
28	33	44	55	68	88	101	113	134	150	157	151	142	136	128	117	86	52	26	1
-30	-67	-90	-98	-106	-117	-117	-116	-114	-112	-111	-99	-78	-49	-22	-18	-9	18	47	69
80	82	82	81	76	65	52	43	48	56	54	46	32	16	5	-8	-9	-10	-19	-22
-21	-17	-12	-9	-13	-31	-43	-51	-60	-69	-78	-81	-84	-87	-89	-96	-99	-108	-107	-99
-91	-88	-74	-66	-65	-60	-47	-34	-33	-22	-16	8	13	20	24	26	44	53	49	46
35	43	45	47	57	71	70	61	53	43	33	21	4	-19	-46	-57	-57	-65	-78	-87
-85	-89	-92	-95	-99	-106	-102	-87	-82	-78	-63	-49	-50	-53	-61	-50	-45	-27	-11	-10
-13	-7	-5	13	31	-106	46	51	55	57	55	41	46	54	68	75	66	59	67	87
105	95	80	67	58	44	37	39	37	28	21	19	18	20	22	21	16	7	2	18
32	36	35	29	15	10	13	5	-6	-13	-16	-32	-33	-28	-27					

111138 71.136.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 462 15910 VENTURA BLVD., BASEMENT, LOS ANGELES, CAL. COMP DOWN 34 09 36N, 118 28 48W
 INSTR PERIOD = 0.0410 SEC DAMPING = 0.604 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -201.2 CM/SEC/SEC AT 10.64 SEC VELO = -10.5 CM/SEC AT 8.18 SEC DISP = 2.9 CM AT 20.92 SEC

2758 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.13492 CM/SEC INITIAL DISP = 0.08672 CM

INITIAL VELO = 0.13492 CM/SEC INITIAL DISP = 0.08672 CM

70	-166	-13	6	-119	-201	-210	-87	31	107	116	93	100	129	203	204	153	62	-94	-185	-251	-277
-166	-13	49	151	229	-83	69	192	132	128	-86	-315	-287	-259	-219	-117	13	16	200	376		
341	382	260	-31	-63	-70	-366	-325	-377	-417	-32	-50	-94	130	323	494	776	560	38	-172		
-464	-423	-225	-385	-348	-391	-254	40	98	300	473	518	535	495	-25	-224	-241	-265	-181	-256		
-570	-734	-699	-288	90	393	725	749	587	530	360	251	186	-135	-579	-850	-867	-485	-99	54		
123	269	549	887	1139	941	309	-538	-1216	-1340	-626	40	-8	-328	-500	-345	134	686	906	1055		
567	-241	-730	-890	-598	146	303	-191	-560	-688	-225	471	789	771	521	304	252	-5	-420	-667		
-825	-538	-375	-435	-127	197	674	1183	1078	820	550	333	76	-13	-553	-1355	-1543	-1224	-540	415		
856	931	530	116	293	658	945	676	-129	-1030	-1480	-1370	-1091	-541	322	633	598	394	156	276		
629	892	725	321	-339	-792	-907	-898	-544	36	365	412	348	25	-137	31	390	719	574	-27		
-636	-924	-612	241	349	-30	-248	-496	-176	409	702	695	447	-129	-504	-463	-237	164	343	-154		
-508	-538	-307	593	1521	1528	573	-632	-1250	-1008	30	629	388	-192	-677	-646	-197	459	852	1044		
604	-290	-1037	-1320	-768	313	474	291	46	-233	27	279	522	582	117	-303	-542	-451	-149	9		
-79	-13	254	304	379	467	164	-84	-452	-790	-538	33	451	837	843	326	-371	-531	-222	598		
1142	729	-302	-1410	-1486	-295	908	1343	1091	409	-495	-827	-480	338	1197	1192	412	-612	-1281	-1325		
-772	-18	519	611	235	-653	-1118	-764	9	818	1283	991	20	-855	-1049	-660	-13	419	274	-408		
-975	-948	-483	-143	244	525	487	458	258	-249	-616	-154	120	-20	176	-545	-962	-569	176	843		
1340	1148	545	-363	-762	-545	86	679	183	-615	-1096	-1044	-255	860	1745	1820	879	-484	-1166	-561		
605	751	-7	-1036	-1612	-1104	-49	972	1588	1492	795	50	-394	-532	-31	477	533	-213	-1333	-1508		
-660	393	911	1151	590	-380	-814	-630	-87	573	526	21	-766	-1082	-619	399	1276	1348	564	-647		
-1246	-1270	-1007	-466	-260	-506	-595	-684	-497	31	422	820	1223	1275	800	351	304	130	130	198		
104	-187	-880	-1392	-820	73	534	578	451	190	-153	-279	326	989	525	-280	-178	-125	-146	-101		
17	135	385	375	-179	-652	-573	-393	154	756	735	76	-465	-318	278	852	961	652	-109	-505		
-573	-267	54	-176	-996	-1385	-1288	-1043	-575	16	407	475	620	936	1017	752	393	-63	-510	-510		
104	124	135	-111	-189	-294	-19	423	828	1110	1021	216	-477	-1054	-1342	-902	-75	621	865	501		
181	181	20	309	541	904	1085	502	-547	-1454	-1505	-1105	-647	-203	-69	-50	-45	-49	152	618		
1456	1474	1059	786	200	1085	502	-547	-1454	-1505	-1105	-647	-203	-69	-50	-45	-49	152	618	1119		
39	372	615	505	129	-562	-1002	-961	-517	-114	-258	-1089	-2012	-1657	-503	921	1928	1586	797	158		
430	335	-55	-704	-994	-539	-836	-1071	-1402	-1211	-234	398	864	1142	946	432	-283	-592	-495	-8		
-424	-272	295	832	815	-586	479	1354	1533	1055	17	-824	-888	-403	201	530	657	521	-11	-357		
					248	-289	-759	-893	-523	-93	251	324	-257	-918	-1194	-813	-135	439	510		
421	266	395	605	686	506	105	-403	-844	-1011	-1185	-1046	-532	-36	386	617	665	493	150	148		
300	277	46	-324	-628	-587	-136	343	600	499	212	18	-177	-215	77	242	177	-709	-709	-860		
-829	-392	-97	55	43	-47	-151	-78	9	123	412	683	501	30	-570	-792	-607	-382	-191	-159		
-283	-441	-642	-470	-17	431	547	452	141	-114	-82	275	573	593	183	-402	-644	-527	-49	508		
841	870	634	255	11	96	583	909	831	354	-235	-659	-679	-201	419	803	798	332	-181	-492		
-487	-103	179	182	-218	-670	-847	-502	36	511	890	879	690	406	183	-58	-388	-530	-856	-926		
-733	-421	-155	212	489	528	305	328	387	541	531	280	-379	-1026	-1351	-1135	-489	72	375	443		
301	86	38	330	731	861	516	-201	-940	-1208	-969	-225	426	647	527	164	-70	-84	161	549		
813	755	237	-472	-978	-947	-447	-122	-167	-398	-559	-457	-44	401	630	606	454	262	109	3		
-79	-49	-107	-284	-435	-511	-482	-367	-168	104	195	112	10	-120	55	226	336	418	279	71		

10	113	258	239	79	-93	-250	-324	-268	-180	-151	-124	-80	-96	66	300	413	344	244	12
-189	-309	-399	-385	-398	-622	-599	-633	-326	102	395	633	541	318	76	-46	-212	-98	-106	-96
-171	-184	-177	61	322	562	718	837	804	652	390	248	136	105	165	131	48	-92	-196	-171
-23	145	246	252	319	384	370	317	209	48	-120	-164	-164	-145	-188	-343	-418	-539	-600	-481
-239	-72	-10	-15	-86	-151	-232	-108	95	178	120	105	-67	-214	-261	-274	-209	-133	-70	-29
-96	-219	-303	-205	97	451	517	395	95	-152	-189	-111	59	118	49	-97	-158	-124	-4	60
52	53	76	117	158	156	-1	-200	-261	-137	69	189	145	-5	-165	-180	-21	190	294	336
351	251	62	-174	-311	-337	-261	-135	-84	-257	-540	-664	-484	-89	314	463	375	247	20	-67
-36	-58	-54	-71	-154	-257	-384	-372	-243	-50	107	192	217	164	-7	-101	-162	-124	-24	-74
-107	-120	-133	-82	-42	12	138	260	366	456	417	370	289	241	194	109	17	-98	-200	-203
-116	-4	-24	167	345	449	635	658	493	245	82	53	80	82	-6	-178	-190	-127	-29	77
233	408	556	572	355	82	-221	-418	-410	-236	-115	-158	-213	-283	-193	-113	83	253	293	141
-108	-397	-621	-716	-656	-495	-286	-213	-247	-206	-310	-197	-9	94	33	-92	-267	-404	-478	-441
-330	-208	-103	-17	-26	-50	-2	102	187	205	166	98	75	5	-36	-17	-4	25	35	103
177	193	204	163	153	225	272	292	287	197	72	21	-13	-72	-167	-262	-300	-170	35	83
33	-53	-43	102	355	525	513	320	78	-9	8	25	75	-17	-123	-117	-23	18	32	3
-36	-66	-23	84	108	38	-17	-83	-80	-93	-104	-108	-149	-138	-96	-101	-89	-27	73	165
207	240	241	231	255	240	221	166	142	128	112	77	33	47	124	198	166	103	8	-60
-52	-42	-62	-116	-201	-222	-143	-49	-5	22	56	84	81	26	-63	-162	-262	-319	-360	-327
-253	-189	-136	-138	-116	-107	-133	-129	-119	-121	-147	-217	-238	-231	-167	-64	22	74	124	140
155	176	184	171	128	74	45	57	99	118	103	37	-13	-4	18	59	165	250	223	157
47	-36	96	266	259	261	164	27	-82	-44	36	64	43	-55	-125	-185	-253	-237	-164	-82
-16	24	52	22	-80	-151	-155	-89	5	36	-56	-185	-265	-261	-206	-143	-117	-67	-1	34
40	30	13	39	113	211	248	175	97	84	135	240	321	350	251	131	62	76	111	119
109	65	-9	-74	-123	-177	-215	-236	-223	-196	-175	-178	-221	-246	-234	-187	-136	-113	-111	-109
-103	-90	-66	-32	2	20	13	-13	-47	-72	-91	-70	-28	-3	-1	-8	15	67	102	115
114	127	131	122	97	61	30	54	88	109	124	141	170	220	256	234	178	100	6	-30
-2	32	44	-22	-137	-221	-214	-75	103	159	109	-21	-118	-142	-51	41	68	30	-59	-135
-159	-174	-162	-132	-73	-3	13	-49	-123	-162	-120	-34	37	19	-38	-66	-61	-16	3	-8
16	98	149	196	215	165	134	116	102	92	47	0	-35	-53	-24	0	-17	-28	26	123
215	240	179	61	-22	13	105	149	136	9	-163	-236	-199	-68	76	197	209	143	70	41
26	33	38	35	11	-34	-116	-186	-218	-147	-15	138	189	105	-63	-197	-237	-185	-92	5
12	-76	-160	-183	-144	-73	0	48	44	-29	-133	-226	-266	-215	-121	-38	-31	-74	-107	-120
-82	22	156	185	135	46	-61	-121	-108	-50	10	45	2	-64	-105	-85	15	129	177	163
126	81	43	24	8	-19	-49	-66	-62	-64	-62	-57	-29	28	119	194	223	224	197	152
93	7	-67	-120	-130	-107	-68	-56	-89	-105	-97	-37	47	109	140	122	54	-2	-33	-23
11	27	0	-40	-62	-61	-39	-27	-7	10	37	76	72	25	-22	1	60	99	91	39
-12	-43	-56	-44	-18	-7	-4	-2	-3	-4	28	11	39	61	73	28	-11	-31	-28	-10
6	-7	-40	-71	-63	8	80	114	130	141	128	105	88	104	132	155	162	128	49	-18
-43	3	96	174	162	60	-56	-136	-153	-104	-18	28	31	-34	-149	-244	-247	-158	0	74
43	-91	-218	-266	-197	-77	-9	21	9	-80	-152	-157	-152	-108	-8	77	58	-6	-98	-149
-129	-37	85	98	63	-10	-51	-80	-80	-44	10	32	24	-19	-82	-93	-10	116	212	249
169	42	-61	-98	-66	27	126	161	159	119	44	-23	-33	55	161	216	165	-23	-226	-304
-238	-39	151	211	151	65	-15	-32	10	80	123	110	67	18	-31	64	-35	0	64	138
186	184	130	65	30	21	79	126	152	118	43	-26	-48	-33	16	65	92	84	36	-37
-92	-133	-142	-123	-105	-101	-133	-152	-161	-131	-97	-59	-35	-44	-77	-177	-257	-290	-274	-234
-198	-188	-175	-133	-49	25	59	48	27	4	-26	-32	-1	2	-15	-36	-58	-73	-42	44
138	204	176	84	36	47	147	232	218	114	-16	-57	-35	30	67	36	-31	-83	-74	-15
33	44	-4	-70	-110	-94	-119	-139	-169	-152	-84	5	36	48	41	70	144	219	209	128
-2	-62	-57	-31	-14	-29	-36	-47	-42	1	41	129	200	215	226	211	150	69	13	-11

49	99	86	7	-85	-110	-71	42	125	165	186	141	77	-15	-71	-91	-81	-72	-85	-127
-181	-203	-140	-62	48	151	178	87	-12	-105	-139	-135	-97	-49	-15	-11	-59	-38	-10	51
127	165	155	139	117	84	21	-88	-164	-181	-134	-91	-80	-100	-115	-77	6	87	127	84
9	-75	-123	-133	-123	-97	-97	-120	-151	-142	-93	-21	51	84	66	29	-34	-79	-98	-79
-24	-2	-5	-8	7	67	118	129	105	37	-26	-30	40	106	114	111	94	95	123	119
84	50	10	-13	-14	-19	-11	16	86	141	164	170	153	124	113	78	6	-55	-94	-122
-138	-146	-137	-115	-53	12	50	58	42	-7	-50	-96	-127	-129	-108	-102	-120	-132	-132	-84
-7	52	123	169	140	81	44	27	29	-3	-57	-107	-93	-55	-43	-31	-10	23	84	160
215	197	76	-44	-94	-89	-60	1	27	15	-42	-95	-111	-37	73	132	147	118	68	11
-24	-12	24	61	84	79	72	70	85	83	81	61	58	59	75	77	58	20	-22	-55
-75	-59	-34	-19	-13	-18	-30	-40	-52	-65	-67	-47	-33	-47	-120	-217	-278	-240	-144	-50
3	13	-11	-52	-77	-58	10	81	114	90	-8	-140	-209	-162	-35	76	130	109	34	-56
-95	-79	10	85	89	40	-11	-48	-25	34	102	126	105	40	-34	-89	-118	-91	-43	13
54	103	117	95	45	8	-16	-32	-42	-61	-98	-124	-109	-55	-1	58	99	116	118	98
49	-31	-109	-153	-167	-154	-126	-80	-25	-25	-11	25	70	124	157	138	43	-99	-206	-224
-146	-19	74	101	58	14	27	109	199	205	159	68	-30	-76	-71	-54	-38	-32	-26	-20
-6	36	97	144	169	153	91	1	-42	-21	18	40	31	-14	-48	-55	-14	60	131	145
111	59	5	-34	-18	5	33	20	-13	-62	-128	-130	-77	-19	29	58	48	22	-16	-32
-31	-25	-36	-40	-41	-58	-69	-81	-95	-90	-47	-1	11	-24	-64	-91	-90	-47	-4	3
-18	-40	-56	-47	-17	17	29	16	-6	-28	-38	-24	5	22	3	-20	-33	-17	30	78
102	91	54	31	29	52	75	82	47	5	-33	-59	-77	-71	-36	-13	-3	-2	-24	-32
-29	-10	21	43	43	37	24	9	-18	-31	-14	27	67	107	124	106	56	17	5	1
10	8	-1	-28	-40	-38	-6	44	87	117	132	121	87	49	11	-7	-2	1	3	-22
-49	-53	-21	18	36	44	26	28	37	24	4	-25	-53	-43	-36	-33	-44	-59	-46	-13
13	43	67	99	118	113	75	32	0	-41	-54	-57	-56	-45	-32	-28	-6	34	69	84
53	14	-20	-50	-56	-64	-88	-102	-98	-71	-25	25	44	38	35	37	31	5	-34	-72
-114	-151	-166	-133	-67	-15	36	56	59	48	27	28	34	17	-38	-100	-133	-133	-106	-75
-55	-34	-13	1	16	20	17	12	2	-6	-12	-22	-33	-42	-36	-4	41	75	95	91
73	58	49	45	37	17	-20	-66	-91	-80	-45	12	57	60	42	43	53	70	67	35
-3	-40	-71	-90	-89	-67	-36	4	22	18	8	-6	2	21	20	-5	-37	-61	-66	-45
-19	4	13	15	29	31	23	3	-22	-29	-23	-11	-14	-43	-57	-44	-8	27	58	50
19	5	8	31	44	61	56	32	9	6	8	12	27	38	25	-8	-33	-39	-31	-2
3	7	5	2	7	9	10	29	61	79	66	42	15	0	-8	-20	-36	-31	-29	-43
-62	-63	-56	-17	40	83	84	64	28	4	-11	-9	1	-5	-15	-38	-55	-45	-13	18
47	65	65	45	10	-7	-4	13	30	16	-20	-56	-55	-34	1	13	20	22	15	14
24	36	52	56	23	-9	-20	-22	-2	32	41	27	19	26	43	63	73	67	39	13
-12	-20	-25	-40	-51	-49	-22	2	15	18	4	-9	-16	-22	-31	-49	-73	-86	-74	-64
-57	-43	-25	8	21	8	-5	-15	-1	6	5	-5	-15	-29	-21	-2	10	21	13	-3
-11	-17	-17	-30	-44	-42	-34	-24	-14	6	28	40	37	31	35	37	27	26	19	-13
-50	-58	-33	6	37	42	35	29	21	31	59	72	57	30	-9	-38	-48	-39	-17	10
28	23	4	-17	-16	2	13	18	20	-14	-38	-50	-66	-59	-36	-4	25	36	36	36
47	69	75	66	32	-19	-51	-60	-55	-42	-38	-38	-33	-24	-1	-4	25	44	55	39
-11	-34	-38	-38	-51	-61	-67	-53	-21	11	38	42	32	22	12	17	25	16	-7	-38
-44	-29	-22	-12	-12	-10	4	20	36	55	50	54	53	38	19	-22	-43	-38	-28	-28
-30	-46	-59	-52	-26	14	49	57	19	-15	-38	-35	-2	18	3	-30	-66	-77	-49	0
55	73	48	9	0	17	38	42	23	4	-5	-11	-11	-8	7	28	38	34	23	17
15	13	10	0	-22	-27	-11	6	13	8	1	2	12	25	30	20	6	0	-13	-23
-30	-40	-37	5	33	22	8	-2	-1	8	21	24	6	-28	-46	-45	-49	-45		

111139 71.137.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 463 15910 VENTURA BLVD., 19TH FLOOR, LOS ANGELES, CAL. COMP SRIF 34 09 36N, 118 28 48W
 INSTR PERIOD = 0.0380 SEC DAMPING = 0.577 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -220.6 CM/SEC/SEC AT 24.76 SEC VELO = -58.1 CM/SEC AT 22.82 SEC DISP = -26.2 CM AT 20.78 SEC
 INITIAL VELO = 0.48300 CM/SEC INITIAL DISP = -0.26705 CM

2737 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
5	-5	-14	-20	-20	-14	-1	4	5	-6	-12	-9	-4	1	1	-5	-7	1	-4	-8
-4	0	3	20	25	15	10	-4	-19	-19	-19	-5	20	19	-10	-2	-19	-6	-3	10
21	16	-4	-18	-25	-23	-14	14	18	-21	8	-27	-2	11	27	31	22	-5	-11	-27
-32	-10	26	70	29	49	24	48	45	44	22	6	1	-20	-27	-36	-33	-45	-20	36
-12	-77	-110	-152	-71	-51	-5	10	49	85	66	41	18	-18	-33	-11	30	41	37	1
-46	-29	-7	-58	-6	-66	-97	-129	-117	-60	20	71	87	63	-44	-44	-36	-23	-15	-51
-11	-13	15	27	55	22	-24	-15	-39	18	53	82	38	72	3	30	-2	-25	-101	-161
-216	-161	-98	-56	45	135	143	168	100	76	105	136	162	141	124	110	116	110	52	42
10	-60	-132	-170	-160	-129	-113	-134	-153	-135	-98	-33	3	12	24	31	13	109	96	82
30	-116	-222	-234	-177	-94	7	80	83	104	195	144	63	214	59	42	-49	-60	-96	-44
-38	10	18	40	11	1	49	58	148	203	208	145	68	-22	-61	-91	-139	-178	-226	-235
-334	-281	-166	-162	-122	-81	-94	-78	-57	17	50	61	29	46	58	119	145	168	130	84
49	39	62	104	138	127	66	26	1	24	25	-2	-53	-127	-175	-157	-71	54	127	125
67	-32	-98	-128	-109	-109	-114	-132	-150	-106	3	125	244	315	327	358	383	462	541	574
548	457	356	302	285	269	177	339	-128	-281	-360	-381	-369	-393	-437	-495	-495	-400	-212	1
254	450	579	600	536	438	315	152	-44	-271	-490	-590	-640	-580	-517	-475	-554	-523	-681	-455
-347	-239	-94	23	121	236	350	507	626	734	748	702	608	575	447	427	296	222	100	-26
-67	-77	-59	-37	-19	-67	-235	-408	-619	-765	-966	-1048	-1053	-1129	-1068	-1032	-903	-713	-535	-340
-174	-70	83	315	620	890	1067	928	665	301	-2	-231	-335	-393	-444	-512	-577	-530	-437	-255
-45	68	175	102	68	105	216	307	354	311	244	207	225	327	463	532	605	558	557	623
729	811	838	686	456	193	-49	-247	-416	-501	-570	-633	-614	-538	-433	-298	-181	-176	-232	-301
-305	-206	-56	136	338	537	688	787	834	819	788	680	516	328	90	-124	-339	-537	-622	-594
-429	-261	-115	-27	13	-109	-74	-135	-134	-80	12	125	251	378	428	416	307	204	55	-114
-234	-361	-469	-555	-632	-663	-710	-743	-774	-830	-880	-863	-930	-894	-793	-642	-478	-216	27	269
417	654	759	863	893	855	830	739	674	700	703	709	752	826	905	967	952	914	846	720
587	471	363	255	133	-43	-222	-449	-667	-885	-1065	-1245	-1295	-1403	-1441	-1223	-1152	-935	-750	-533
-255	-105	122	257	476	669	809	937	1072	1203	1234	1185	955	835	675	568	427	252	286	282
351	399	441	377	192	-67	-345	-637	-877	-1160	-1394	-1628	-1668	-1612	-1529	-1389	-1165	-973	-790	-642
-485	-233	47	448	854	1207	1421	1426	1313	1087	849	694	551	399	274	88	-67	-209	-267	-359
-409	-406	-346	-356	-310	-343	-354	-442	-519	-530	-537	-451	-303	-162	-20	92	266	377	485	490
495	503	463	464	389	319	187	105	32	19	-27	-74	-194	-294	-399	-544	-635	-649	-675	-635
-542	-391	-260	-129	-74	13	66	29	63	92	165	325	497	692	874	1002	982	831	757	658
560	414	214	-18	-219	-444	-655	-799	-948	-992	-998	-965	-924	-883	-841	-769	-678	-590	-478	-377
-352	-264	-225	-146	-152	-148	-110	-71	11	89	234	282	268	174	49	-95	-242	-350	-464	-540
-593	-619	-578	-455	-275	-113	10	97	115	157	89	144	165	198	195	169	159	172	250	373
567	776	1011	1177	1258	1256	1127	952	728	491	315	189	100	45	-23	-125	-270	-435	-509	-462
-299	-134	-71	71	181	301	466	667	813	970	1058	1091	1094	1083	1092	1091	1101	1108	1087	1070
1034	1006	903	762	621	469	327	244	187	145	147	161	103	-64	-143	-201	-283	-255	-237	-199
-220	-234	-236	-231	-199	-215	-209	-296	-339	-401	-331	-294	-254	-293	-311	-361	-405	-418	-403	-409
-468	-613	-728	-870	-1014	-1072	-952	-846	-730	-704	-602	-502	-401	-278	-191	-132	-116	-134	-121	-146

-133	-151	-223	-305	-423	-540	-576	-623	-679	-788	-884	-574	-1062	-1112	-1121	-1100	-1050	-963	-858	-717
-585	-430	-329	-255	-162	-121	-81	-46	-10	-18	-37	-88	-154	-201	-261	-284	-288	-293	-290	-288
-276	-234	-188	-169	-114	-38	-11	60	112	208	254	310	339	383	433	508	597	674	730	778
805	838	873	932	982	1017	1057	1029	1002	937	853	821	731	735	721	698	688	671	643	638
595	559	501	434	348	271	191	107	45	24	65	136	235	357	474	575	655	698	695	668
618	539	451	363	280	197	94	5	-62	-110	-133	-139	-106	-47	16	74	132	170	204	239
290	358	413	483	501	494	448	418	387	381	385	402	398	388	365	298	225	153	100	40
-25	-104	-195	-291	-386	-492	-597	-716	-847	-985	-1100	-1233	-1310	-1410	-1451	-1511	-1517	-1512	-1481	-1430
-1385	-1294	-1244	-1205	-1164	-1084	-1008	-960	-903	-831	-758	-662	-565	-461	-363	-273	-210	-195	-215	-252
-279	-379	-497	-615	-733	-800	-873	-886	-910	-917	-896	-879	-815	-762	-676	-564	-462	-354	-248	-149
-64	18	94	180	266	350	425	485	497	514	534	527	517	504	472	439	408	382	322	282
267	235	235	250	296	365	458	585	735	885	1027	1204	1354	1520	1613	1673	1701	1703	1678	1649
1611	1561	1500	1424	1301	1206	1110	1023	915	833	766	732	679	637	600	569	561	564	574	577
574	586	593	612	632	603	571	528	474	420	364	283	188	74	-7	-95	-134	-186	-253	-290
-328	-377	-451	-508	-556	-590	-603	-640	-656	-657	-714	-756	-775	-841	-873	-947	-1006	-1044	-1065	-1049
-1004	-922	-868	-799	-762	-699	-656	-617	-566	-534	-515	-544	-574	-660	-719	-847	-950	-1075	-1174	-1268
-1380	-1492	-1593	-1648	-1673	-1646	-1622	-1591	-1532	-1459	-1378	-1283	-1180	-1051	-895	-728	-599	-469	-343	-215
-88	39	156	267	377	486	582	646	694	763	799	854	910	941	985	1054	1120	1203	1302	1393
1438	1420	1364	1259	1159	1066	967	868	770	677	608	555	492	434	381	334	304	303	325	357
400	446	490	524	553	585	620	656	692	730	764	791	822	869	918	958	1008	1062	1096	1113
1095	1065	1019	964	905	850	798	739	685	594	554	477	430	376	293	223	141	75	20	-44
-97	-176	-236	-323	-407	-498	-613	-733	-859	-1003	-1144	-1254	-1420	-1608	-1770	-1930	-2078	-2163	-2206	-2205
-2175	-2117	-2023	-1895	-1739	-1559	-1399	-1244	-1104	-964	-832	-697	-565	-441	-337	-250	-174	-112	-88	-69
-49	-31	-21	-5	24	35	38	38	37	37	37	43	65	92	122	153	183	213	246	282
314	342	376	411	414	416	408	393	385	379	372	365	358	361	371	376	371	329	286	255
236	209	189	207	217	230	245	260	276	302	339	375	417	464	506	538	569	598	629	663
698	726	740	748	765	760	738	706	667	620	575	523	471	399	315	231	147	59	-30	-108
-176	-252	-327	-397	-453	-543	-619	-697	-764	-848	-947	-1026	-1024	-1005	-950	-906	-847	-747	-607	-453
-308	-211	-120	-67	2	72	137	191	245	292	289	289	290	282	264	261	255	238	230	210
187	201	198	207	195	167	155	155	150	161	169	192	206	215	237	237	257	254	245	209
173	162	152	142	137	126	104	82	58	33	10	-11	-28	-12	27	45	66	98	129	141
139	132	118	87	59	35	15	-2	-23	-46	-64	-80	-97	-82	-54	-41	-40	-35	-46	-57
-84	-100	-111	-149	-205	-247	-310	-392	-452	-511	-577	-646	-679	-677	-685	-699	-664	-649	-610	-585
-540	-472	-425	-363	-295	-225	-169	-110	-48	3	28	59	71	76	87	66	58	41	13	-6
-31	-56	-82	-116	-162	-190	-242	-289	-321	-349	-405	-433	-458	-492	-494	-484	-460	-413	-354	-292
-256	-215	-169	-109	-69	-46	1	78	104	164	196	241	277	297	349	378	416	451	472	484
497	502	505	518	527	527	518	504	483	471	446	416	405	389	392	391	397	375	372	392
396	406	413	417	421	422	420	418	419	422	422	417	416	387	354	345	331	314	293	279
283	296	311	325	344	367	379	385	385	409	432	453	479	507	549	576	603	614	627	619
581	542	511	466	408	364	327	289	257	209	164	120	66	10	-33	-82	-132	-189	-250	-313
-386	-472	-540	-606	-685	-763	-838	-924	-997	-1061	-1117	-1148	-1178	-1205	-1243	-1273	-1265	-1240	-1213	-1180
-1137	-1099	-1074	-1046	-1034	-1014	-991	-978	-965	-949	-925	-892	-846	-791	-741	-685	-624	-559	-501	-452
-399	-351	-299	-249	-183	-124	-66	-8	34	66	86	94	97	89	75	59	57	56	50	42
27	0	-28	-40	-46	-43	-35	-23	-12	-1	14	38	64	97	131	170	199	240	287	340
392	440	486	525	567	612	652	703	756	807	853	895	927	953	981	1009	1027	1033	1030	1023
994	971	936	904	861	830	803	772	752	729	697	669	648	625	601	588	582	574	568	563
562	543	524	488	449	417	380	338	306	275	232	191	148	102	58	24	-2	-27	-46	-69
-88	-106	-118	-114	-109	-103	-95	-91	-92	-90	-93	-98	-109	-128	-159	-188	-206	-209	-230	-256
-281	-321	-371	-420	-464	-495	-532	-564	-605	-658	-716	-769	-878	-958	-1044	-1130	-1215	-1298	-1372	-1435
-1483	-1514	-1521	-1529	-1523	-1489	-1432	-1356	-1269	-1178	-1104	-1036	-951	-864	-775	-693	-596	-520	-450	-389

-328	-276	-222	-168	-121	-54	1	69	119	132	148	158	162	175	184	205	253	292	330	359
393	420	462	493	523	551	587	621	654	688	710	717	723	746	765	763	751	738	730	717
693	657	611	560	509	464	424	389	355	322	285	247	213	188	170	172	187	207	240	281
309	332	356	382	417	461	512	560	605	631	644	633	608	583	546	508	478	449	413	372
335	305	282	261	238	218	205	196	177	155	132	102	66	35	13	0	-13	-23	-27	-41
-55	-66	-69	-73	-83	-86	-90	-94	-98	-111	-131	-157	-182	-204	-228	-241	-249	-256	-267	-286
-306	-330	-360	-395	-427	-448	-462	-472	-479	-480	-479	-469	-452	-429	-405	-383	-369	-358	-347	-349
-343	-340	-337	-327	-311	-299	-282	-268	-252	-252	-256	-265	-283	-305	-321	-350	-377	-406	-423	-439
-450	-464	-478	-489	-505	-505	-504	-482	-459	-427	-413	-385	-352	-312	-282	-250	-217	-186	-157	-133
-96	-58	-41	-4	20	56	87	122	152	187	217	235	240	247	242	251	238	237	248	249
260	264	267	265	265	264	262	254	244	232	220	208	198	194	196	203	221	238	259	294
344	392	435	479	520	554	584	588	580	574	567	567	558	547	537	528	518	508	498	485
471	450	429	409	399	397	396	394	389	382	370	351	327	302	280	264	247	228	205	183
165	142	117	89	58	26	-7	-35	-58	-82	-106	-134	-158	-189	-214	-230	-250	-266	-282	-304
-326	-347	-370	-390	-410	-427	-445	-453	-477	-498	-508	-515	-504	-506	-499	-493	-482	-474	-468	-470
-466	-473	-472	-485	-496	-509	-510	-515	-520	-522	-523	-520	-515	-511	-505	-519	-510	-503	-488	-453
-426	-407	-384	-352	-313	-267	-219	-163	-116	-90	-51	-36	-24	-21	0	10	29	40	49	53
59	61	66	67	69	75	84	95	106	129	151	165	177	194	207	224	240	255	264	266
265	264	264	268	274	281	286	288	290	294	298	303	312	321	325	332	342	352	358	373
395	420	450	479	506	527	540	534	507	474	436	384	335	293	265	239	225	204	189	174
163	157	148	142	134	121	97	74	54	49	49	45	43	34	27	21	15	5	-6	-17
-40	-45	-52	-60	-62	-74	-82	-96	-106	-106	-102	-90	-73	-72	-68	-75	-83	-89	-95	-105
-117	-128	-142	-167	-176	-185	-191	-200	-200	-201	-200	-193	-184	-186	-184	-181	-183	-185	-189	-201
-215	-237	-261	-286	-314	-344	-372	-397	-421	-447	-473	-490	-507	-512	-487	-468	-446	-398	-359	-317
-276	-234	-192	-158	-126	-89	-54	-32	-10	22	43	60	74	85	99	116	123	125	137	154
159	158	159	159	159	159	160	162	171	183	185	184	180	175	159	142	127	114	99	94
92	72	59	40	30	34	15	16	12	4	-2	-6	-6	6	26	39	42	56	77	96
106	115	129	137	148	178	188	199	207	212	224	223	229	235	247	259	284	310	339	367
390	423	454	471	480	465	431	383	329	270	218	181	143	111	76	47	11	-13	-42	-83
-122	-142	-149	-171	-185	-186	-197	-204	-200	-197	-203	-209	-202	-207	-208	-207	-213	-206	-202	-195
-178	-160	-144	-131	-125	-123	-110	-108	-99	-98	-90	-88	-81	-70	-58	-46	-44	-36	-32	-30
-42	-55	-58	-63	-79	-99	-119	-122	-121	-147	-155	-168	-185	-192	-200	-200	-193	-201	-207	-208
-212	-212	-209	-210	-216	-220	-226	-225	-226	-236	-229	-231	-234	-244	-245	-232	-217	-193	-169	-152
-132	-112	-89	-66	-40	-30	-15	13	37	62	87	105	122	143	163	191	228	254	270	285
292	288	285	282	267	259	251	233	215	205	194	178	167	164	159	167	174	184	183	189
193	196	205	214	222	226	224	226	230	235	237	243	248	250	254	252	249	244	232	218
200	168	143	127	100	76	47	22	0	-17	-30	-39	-45	-52	-52	-65	-78	-83	-85	-81
-74	-93	-100	-115	-118	-132	-135	-142	-141	-140	-138	-148	-152	-156	-163	-179	-190	-206	-198	-204
-204	-206	-209	-218	-218	-219	-221	-231	-236	-237	-243	-245	-245	-238	-225	-214	-208	-204	-185	-164
-143	-118	-102	-93	-82	-73	-67	-57	-51	-51	-56	-66	-79	-85	-97	-108	-108	-113	-120	-119
-107	-104	-99	-90	-70	-57	-50	-43	-35	-23	-17	-17	-13	-9	-8	1	16	23	39	49
57	71	85	97	110	123	123	125	126	126	129	139	139	138	140	142	141	145	151	157
158	155	146	142	138	131	119	106	98	87	71	69	71	70	71	77	92	102	115	131
140	155	170	170	178	180	177	177	173	168	157	148	136	122	111	103	94	72	56	52
45	41	42	39	27	19	17	11	8	3	-2	-2	-4	-9	-7	-5	-4	-3	0	3
5	4	4	1	-1	0	-3	-9	-12	-21	-31	-40	-58	-70	-80	-86	-90	-105	-120	-126
-136	-147	-155	-157	-161	-168	-174	-180	-191	-205	-215	-218	-221	-230	-231	-224	-216			

111139 71.137.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 463 15910 VENTURA BLVD., 19TH FLGOR., LOS ANGELES, CAL. COMP S09W 34 09 36N, 118 28 48W
INSTR PERIOD = 0.0410 SEC DAMPING = 0.576 ACCELEPROGRAM IS HAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 215.4 CM/SEC/SEC AT 16.30 SEC VELO = 68.2 CM/SEC AT 17.34 SEC DISP = 37.8 CM AT 17.98 SEC

INITIAL VELO = 1.02287 CM/SEC INITIAL DISP = -0.60619 CM
2734 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

15	15	15	8	0	1	-1	0	5	6	6	5	3	4	6	8	10	9	6	4
2	1	1	1	2	4	4	0	-2	0	8	10	4	-9	-25	-28	-22	-17	-10	-2
-8	-5	-10	-21	-21	-16	-18	-17	-8	-14	-30	-28	-36	-30	-27	-24	-14	-22	-18	-7
-15	-13	-8	-21	-21	-38	-48	-45	-47	-44	-46	-39	-33	-40	-57	-81	-78	-61	-50	-37
-27	-28	-10	10	10	10	-15	28	28	-6	7	3	-7	11	51	61	43	25	1	-34
10	47	39	62	49	49	55	68	74	51	19	3	-3	-45	-35	21	64	32	62	112
66	77	51	40	71	71	92	106	128	131	77	28	18	10	8	31	12	24	43	84
115	94	78	49	47	47	28	5	7	59	79	56	15	-27	-51	-110	-165	-165	-184	-143
-76	-96	-107	-73	-67	-67	-84	-98	-44	-12	18	18	17	-18	-45	-43	-28	-86	-25	-63
-15	78	127	143	168	168	121	38	-46	-81	-97	-82	-95	-109	-63	-43	-33	-78	-77	-80
-100	-141	-171	-152	-171	-171	-173	-178	-183	-226	-306	-326	-308	-267	-206	-147	-79	-72	-64	-39
-1	45	50	62	69	69	61	77	108	87	41	52	104	120	86	64	73	53	40	25
-13	-46	-93	-154	-177	-177	-149	-107	-92	-105	-115	-106	-94	-79	-46	-31	-63	-109	-125	-83
-30	15	72	140	172	172	193	205	212	212	206	209	206	194	175	153	144	128	92	66
25	66	93	71	59	59	111	187	269	301	343	372	314	234	188	159	125	66	24	-159
-423	-557	-612	-515	-382	-382	-262	-123	18	140	236	320	322	290	295	339	389	413	404	330
204	93	24	34	57	57	80	131	224	337	392	433	491	542	568	620	680	721	740	728
576	440	269	107	-44	-44	-218	-361	-506	-652	-805	-964	-1031	-1101	-1071	-908	-729	-591	-480	-379
-222	-133	-72	-75	-159	-159	-179	-134	-94	38	178	251	235	252	96	-103	-234	-334	-453	-572
-716	-739	-719	-611	-482	-482	-362	-271	-212	-152	-62	33	124	184	224	271	330	391	436	477
443	408	403	421	480	480	577	713	814	888	930	867	744	586	396	229	18	-192	-410	-570
-813	-937	-1036	-1125	-1200	-1200	-1099	-1005	-902	-764	-554	-377	-154	128	404	630	783	919	967	896
607	393	193	99	14	14	-130	-123	-63	-80	-104	-130	-190	-312	-421	-475	-442	-268	-16	220
574	678	681	619	594	594	582	589	612	638	640	568	476	392	310	215	71	-50	-180	-332
-678	-768	-787	-634	-447	-447	-272	-118	-55	-76	-186	-374	-678	-928	-1044	-1035	-967	-820	-581	-424
-306	-178	-56	-11	85	85	229	339	440	600	769	910	1054	1143	1073	866	653	472	262	105
-171	-375	-566	-629	-709	-709	-816	-913	-948	-1042	-1041	-1000	-911	-771	-544	-351	-209	-90	-45	52
91	75	139	304	420	420	527	723	908	1065	1066	1109	1088	830	532	414	337	180	46	-58
-519	-796	-1062	-1336	-1484	-1484	-1482	-1372	-1271	-1174	-1036	-906	-777	-639	-467	-327	-246	-159	-83	9
100	256	447	561	668	668	820	932	954	951	968	937	885	798	582	386	235	117	64	137
388	464	494	436	325	325	228	164	114	67	-10	-54	-124	-216	-276	-258	-221	-132	-15	24
24	-12	-55	-118	-185	-185	-242	-291	-361	-526	-673	-813	-955	-1042	-1056	-979	-859	-692	-433	-82
68	253	439	659	841	841	1034	1206	1359	1531	1644	1688	1668	1600	1562	1459	1375	1374	1375	1261
916	752	595	540	490	490	465	437	488	489	434	375	337	269	223	254	276	253	219	198
50	-14	-47	-73	-104	-104	-136	-157	-172	-179	-174	-141	-102	-91	-101	-112	-138	-204	-282	-343
-600	-752	-908	-1088	-1201	-1201	-1256	-1240	-1105	-871	-627	-449	-377	-330	-292	-250	-202	-141	-63	35
35	-81	-246	-485	-731	-731	-967	-1196	-1405	-1576	-1630	-1666	-1705	-1752	-1787	-1835	-1847	-1833	-1732	-1605
-1370	-1201	-1036	-947	-826	-826	-657	-524	-407	-257	-144	-58	-28	5	73	133	200	285	383	454
642	707	760	805	856	856	920	1014	1183	1372	1437	1403	1254	1031	802	649	536	429	325	152
-298	-520	-718	-903	-996	-996	-1045	-1074	-1092	-1090	-1120	-1115	-1089	-1046	-1000	-885	-754	-653	-526	-378

-176	-54	68	207	377	563	732	967	1217	1442	1661	1823	1981	2075	2140	2154	2147	2135	2059	1951
1882	1782	1651	1563	1479	1355	1246	1169	1099	1017	949	896	845	789	713	622	550	502	474	460
461	483	511	558	589	570	560	578	591	594	597	611	614	589	576	530	480	427	367	311
261	220	201	201	170	125	97	13	-94	-158	-220	-301	-382	-461	-513	-616	-733	-874	-997	-1105
-1188	-1214	-1214	-1216	-1212	-1213	-1248	-1277	-1301	-1327	-1359	-1403	-1473	-1563	-1676	-1769	-1811	-1829	-1841	-1813
-1782	-1748	-1724	-1704	-1665	-1613	-1553	-1506	-1464	-1402	-1321	-1206	-1085	-961	-847	-745	-639	-520	-401	-272
-148	-46	66	173	272	369	459	524	586	661	714	753	762	749	730	691	624	557	525	502
447	399	356	281	171	78	-7	-93	-164	-231	-303	-368	-433	-518	-594	-647	-672	-693	-709	-725
-748	-777	-796	-800	-786	-762	-716	-654	-591	-514	-414	-328	-243	-135	-31	71	171	292	445	604
723	850	1011	1193	1368	1510	1639	1748	1845	1923	1967	2005	2018	2017	1982	1944	1913	1866	1825	1794
1739	1652	1600	1562	1500	1447	1430	1393	1296	1218	1212	1195	1140	1120	1122	1059	973	913	837	722
585	430	301	193	81	-11	-112	-267	-380	-484	-560	-636	-716	-760	-793	-830	-826	-796	-786	-793
-798	-811	-830	-854	-866	-844	-837	-825	-793	-805	-814	-805	-792	-784	-772	-762	-772	-795	-832	-875
-908	-916	-931	-961	-987	-1020	-1075	-1126	-1171	-1205	-1223	-1240	-1256	-1250	-1201	-1128	-1031	-946	-856	-765
-677	-596	-517	-433	-346	-262	-177	-95	-17	35	89	137	164	134	189	276	341	436	515	553
612	680	712	735	775	807	814	813	795	754	675	569	501	423	340	274	241	184	113	66
24	-26	-43	-56	-65	-74	-72	-70	-64	-68	-73	-75	-59	-33	4	51	93	129	148	167
182	201	233	286	335	398	455	524	581	614	652	691	727	751	786	822	840	860	899	928
935	934	927	889	837	766	670	564	465	366	267	161	56	-45	-145	-252	-359	-429	-479	-540
-620	-695	-786	-885	-977	-1050	-1101	-1133	-1102	-1102	-1058	-1013	-961	-922	-836	-742	-663	-580	-473	-372
-286	-193	-114	-41	20	104	158	176	199	199	202	187	157	121	63	18	1	-27	-86	-137
-165	-182	-199	-226	-263	-291	-309	-326	-366	-400	-427	-448	-460	-470	-477	-478	-474	-482	-497	-497
-480	-451	-424	-386	-343	-308	-278	-236	-194	-157	-125	-90	-63	-35	0	42	90	141	190	230
262	304	364	419	449	480	517	536	529	520	525	550	566	582	609	626	627	598	570	542
483	440	422	399	372	343	303	244	183	124	70	7	-42	-65	-88	-103	-116	-122	-122	-113
-89	-64	-46	-26	-3	17	34	39	48	53	54	65	73	85	88	90	95	100	124	174
205	235	277	321	362	403	448	499	544	590	640	695	739	774	804	823	827	814	783	744
708	664	602	517	436	370	309	227	160	110	48	-10	-77	-127	-197	-248	-290	-331	-391	-489
-561	-659	-744	-807	-840	-902	-972	-1018	-1069	-1108	-1134	-1153	-1157	-1151	-1130	-1081	-1030	-950	-869	-826
-792	-739	-680	-608	-553	-476	-377	-317	-261	-190	-134	-95	-54	-13	7	11	34	73	97	113
143	179	197	201	210	217	212	199	192	191	189	188	185	181	181	170	151	138	106	68
33	0	-29	-61	-94	-124	-157	-193	-232	-276	-322	-366	-407	-439	-459	-474	-443	-391	-356	-297
-216	-141	-90	-37	26	91	157	227	295	355	424	496	553	618	666	702	751	792	834	882
923	957	973	965	931	890	836	760	687	616	540	463	399	342	289	230	177	131	92	53
6	-44	-86	-116	-156	-182	-200	-222	-243	-267	-286	-308	-323	-326	-320	-310	-292	-270	-259	-252
-232	-219	-203	-186	-166	-142	-120	-99	-69	-33	0	40	86	130	173	212	247	291	334	371
415	447	471	491	499	502	504	500	476	435	400	365	320	267	214	168	115	65	27	-16
-64	-111	-161	-215	-270	-315	-359	-408	-456	-497	-537	-582	-624	-647	-662	-680	-682	-657	-626	-585
-524	-456	-407	-351	-298	-249	-198	-145	-99	-51	-5	41	73	93	114	130	138	158	176	187
198	204	205	196	180	149	112	79	37	-7	-22	-41	-65	-83	-98	-122	-134	-164	-199	-220
-233	-247	-274	-308	-335	-353	-379	-396	-415	-437	-468	-494	-513	-527	-535	-518	-476	-447	-417	-372
-322	-269	-221	-182	-139	-98	-61	-22	14	48	77	102	132	166	190	213	245	285	304	310
339	373	384	381	394	414	414	406	391	374	357	338	319	296	272	240	203	167	134	107
73	31	-2	-33	-63	-90	-113	-142	-159	-172	-189	-198	-202	-226	-222	-198	-180	-161	-141	-121
-103	-78	-41	-12	14	48	84	112	134	157	192	224	246	272	299	325	357	384	405	425
441	461	490	532	551	534	525	515	482	435	410	376	336	300	259	198	149	116	87	63
44	27	-9	-46	-82	-105	-116	-121	-128	-133	-133	-137	-149	-154	-151	-150	-149	-143	-135	-131
-137	-154	-176	-203	-226	-233	-236	-240	-246	-263	-284	-291	-296	-297	-283	-259	-249	-242	-239	-238
-244	-260	-271	-274	-310	-330	-339	-358	-378	-391	-403	-413	-420	-404	-377	-355	-335	-321	-304	-316
-337	-337	-308	-287	-265	-213	-175	-138	-110	-88	-65	-37	0	44	98	141	174	223	270	300

335	380	425	470	514	558	601	638	661	692	727	744	728	705	704	698	658	619	580	520
459	387	352	324	313	303	276	241	201	157	115	75	41	28	33	11	-28	-59	-68	-102
-139	-169	-194	-213	-236	-250	-240	-227	-215	-212	-210	-212	-213	-212	-200	-176	-150	-125	-107	-97
-111	-138	-156	-156	-138	-113	-86	-64	-49	-36	-23	-18	-18	-10	21	47	57	70	89	80
53	36	28	18	-22	-33	-7	-5	-25	-54	-81	-108	-127	-141	-144	-139	-130	-133	-156	-174
-201	-236	-274	-283	-265	-255	-258	-261	-268	-275	-275	-273	-274	-274	-270	-260	-261	-270	-272	-250
-217	-185	-158	-126	-101	-77	-63	-51	-29	-10	4	9	8	6	5	5	4	1	1	6
22	50	68	86	94	93	94	95	103	124	151	170	189	222	271	271	296	327	363	367
351	330	304	273	247	242	236	223	242	243	225	221	204	192	158	147	130	105	95	90
85	89	72	65	51	32	27	10	-5	-19	-23	-23	-19	-16	-17	-14	-10	-5	17	43
70	83	88	84	74	92	114	124	127	128	140	134	108	84	71	60	51	35	0	-43
-73	-90	-103	-113	-119	-117	-132	-150	-147	-146	-147	-157	-174	-185	-198	-215	-237	-263	-283	-278
-271	-270	-278	-284	-278	-278	-279	-289	-301	-303	-318	-331	-322	-322	-314	-289	-282	-274	-264	-250
-235	-224	-213	-196	-181	-165	-149	-142	-137	-135	-135	-138	-142	-145	-148	-143	-140	-140	-140	-143
-154	-150	-140	-124	-111	-107	-108	-90	-86	-77	-85	-103	-97	-89	-89	-89	-83	-65	-42	-20
-9	10	37	66	103	136	178	209	227	243	259	277	289	298	324	342	372	404	428	460
487	507	526	535	541	546	544	522	503	478	448	425	392	372	361	344	321	282	264	229
191	160	141	126	98	83	77	44	32	4	-9	-21	-34	-51	-52	-48	-29	-16	1	16
31	33	41	44	44	45	46	46	47	47	48	49	50	51	52	52	52	45	29	10
0	-12	-25	-31	-39	-42	-36	-36	-35	-27	-22	-41	-69	-78	-84	-85	-86	-80	-69	-54
-45	-31	-14	-10	-3	7	9	15	19	16	15	13	14	12	11	1	-6	-6	-10	-13
-23	-31	-39	-47	-54	-61	-65	-65	-66	-74	-81	-89	-95	-99	-104	-111	-112	-115	-116	-116
-121	-141	-167	-187	-208	-229	-245	-254	-253	-254	-256	-260	-257	-247	-230	-209	-189	-177	-164	-152
-146	-144	-142	-137	-138	-145	-148	-148	-140	-128	-123	-105	-94	-79	-66	-61	-55	-45	-42	-38
-31	-18	-11	-5	1	9	16	24	33	42	54	71	83	93	115	124	131	132	133	133
133	128	127	127	122	106	96	90	84	79	79	79	76	69	67	64	58	53	51	46
37	28	19	6	-7	-10	-5	-5	-7	-6	-9	-10	-13	-18	-23	-37	-43	-46	-56	-71
-72	-72	-67	-55	-44	-33	-22	-10	3	17	31	44	53	56	56	59	65	68	69	66
68	67	56	55	56	55	55	51	52	51	50	51	45	33	29	19	6	7	1	-6
-22	-29	-31	-43	-56	-64	-71	-76	-82	-87	-98	-116	-137	-161	-187	-203	-218	-237	-238	-238
-235	-226	-216	-205	-177	-152	-137	-115	-100	-85	-72	-54	-40	-23	-14	-15	-12	-8	-11	-11
-4	5	12	24	46	61	73	86	98	110	119	128	135	141	146	147	146	148	145	138
134	137	148	149	147	148	141	133	130	134	134	141	144	141	151	153	156	155	152	143
140	132	127	112	98	89	78	62	51	47	33	23	18	14	8	-1	-2	-8	-9	-6
-6	-2	7	22	31	34	48	59	71	74	76	79	89	113	128	136	145	148	150	161
160	149	144	132	115	99	74	52	42	32	19	5	-16	-37	-57	-74	-90	-98	-99	-97
-100	-98	-88	-70	-59	-53	-52	-49	-45	-36	-44	-42	-38	-39	-42	-50	-68	-87	-107	-118
-131	-151	-170	-176	-170	-160	-147	-130	-106	-89	-73	-57	-30	8	39	58	66	75	84	81
66	54	41	23	5	-8	-28	-43	-57	-79	-99	-115	-126	-138	-145	-144	-144	-144	-142	-136
-127	-120	-119	-121	-121	-120	-117	-117	-117	-117	-117	-116	-111	-102	-100	-95	-88	-84	-72	-59
-47	-36	-22	-6	14	41	51	65	71	83	96	99	103	96	89	79	59	39	35	30
13	-5	-23	-30	-34	-35	-31	-24	-16	-15	-16	-17	-14	-13	-5	0	10	13	18	28
32	40	45	47	46	48	57	73	78	80	82	103	115	118	118	125	134	143	147	144
142	140	137	127	112	98	85	69	61	47	34	23	7	-8	-14	-30	-41	-40	-49	-55
-68	-78	-88	-99	-111	-116	-119	-130	-140	-142	-140	-139	-133	-125	-115	-93	-72	-55	-37	-23
-13	-3	12	25	41	56	59	62	62	61	63	64	57	50	43	33	27	23	18	14
3	-1	-6	-12	-12	-15	-23	-31	-44	-56	-63	-68	-75	-75						

II1139 71.137.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 463 15910 VENTURA BLVD., 19TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 09 36N, 118 28 48W
 INSTR PERIOD = 0.0390 SEC DAMPING = 0.624 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACLN = 196.7 CM/SEC/SEC AT 3.24 SEC VELO = -12.7 CM/SEC AT 8.12 SEC DISP = 4.1 CM AT 20.88 SEC

INITIAL VELO = 0.08463 CM/SEC INITIAL DISP = -0.22378 CM

2730 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-60	-34	-37	-93	-154	-170	-72	95	239	318	339	278	167	36	-87	-148	-154	-150	-176	-187
-172	-64	82	234	395	402	270	116	-39	-229	-363	-421	-395	-257	-34	87	145	266	357	427
451	372	198	-155	-473	-587	-620	-546	-278	-23	316	412	455	307	315	393	445	238	-8	-456
-789	-877	-728	-466	-166	98	235	289	293	305	359	487	598	644	426	-27	-509	-880	-1042	-914
-654	-270	-96	-17	145	374	644	836	983	902	553	51	-527	-965	-1214	-1205	-827	-251	316	772
773	783	615	489	618	671	336	-361	-1301	-1917	-1690	-892	-15	588	955	998	749	513	262	183
191	72	-264	-668	-991	-917	-653	-372	-81	253	695	976	903	626	152	-145	-191	-267	-354	-572
-890	-959	-608	-274	294	974	1576	1793	1406	712	-11	-715	-1059	-1067	-1035	-977	-955	-844	-556	171
1041	1793	1967	1333	472	-144	-699	-968	-1104	-1078	-897	-556	-411	-354	91	557	1005	1291	1014	622
422	-63	-461	-652	-695	-489	-411	-440	-433	-258	50	346	685	846	655	296	195	54	-238	-458
-733	-683	-360	61	126	34	-69	-116	74	399	716	930	766	228	-498	-1016	-1014	-485	34	384
445	410	181	195	446	644	727	458	-126	-763	-1080	-754	-379	77	478	621	430	251	84	-33
-49	-198	-382	-536	-586	-418	-186	153	457	629	683	571	259	-166	-590	-869	-844	-438	181	670
788	639	378	28	-177	-64	111	64	-231	-588	-725	-497	161	832	1289	1300	609	-307	-948	-1084
-617	54	429	213	-212	-344	-195	217	602	820	797	335	-214	-414	-282	0	156	165	-37	-376
-697	-854	-731	-299	186	450	452	243	3	-95	-33	129	196	165	-90	-410	-620	-482	-439	-522
-435	-257	28	267	367	500	523	591	453	66	-551	-1060	-1274	-1145	-956	-559	-242	173	678	1115
1284	1278	702	-127	-845	-1238	-1147	-452	281	629	435	101	82	573	1254	1510	1032	229	-486	-887
-928	-799	-577	-405	-269	-68	268	582	1082	1376	1124	471	-242	-691	-810	-627	-346	-282	-355	-427
-313	251	887	1109	905	189	-692	-1094	-842	-408	-52	143	132	65	99	83	224	286	172	-268
-764	-1175	-1467	-1455	-1227	-649	78	588	901	1005	941	907	950	947	794	326	-155	-427	-466	-306
-244	-466	-798	-879	-716	-269	452	775	796	574	245	-74	-174	70	236	233	215	225	94	-68
-170	-142	-9	-21	-169	-319	-389	-302	-47	473	1024	1084	748	179	-201	-216	15	318	314	-56
-533	-786	-692	-556	-735	-951	-950	-686	-71	581	988	1145	898	590	474	478	353	61	-383	-611
-687	-362	32	395	562	535	314	228	320	399	221	-283	-839	-1216	-1214	-882	-371	295	820	1118
1105	736	370	37	-99	-70	-206	-501	-982	-1337	-1273	-867	-194	299	805	1175	1081	828	718	585
781	787	927	886	518	-423	-1276	-1833	-1792	-1346	-808	-671	-630	-459	-86	572	1302	1374	1262	1071
568	125	-505	-989	-1131	-1126	-568	-642	-275	-104	25	309	683	1087	1365	1132	532	-225	-881	-1069
-883	-493	80	314	567	641	769	787	653	242	-369	-852	-1001	-848	-343	71	356	607	847	769
413	113	-28	-77	55	4	-195	-327	-424	-313	-289	-275	-71	116	-22	-333	-586	-570	-418	-21
326	591	845	841	631	72	-311	-598	-826	-1151	-1228	-1020	-659	-142	509	965	1066	942	716	409
152	-27	-222	-405	-506	-450	-209	75	386	635	565	286	-50	-346	-508	-484	-274	-93	-201	-411
-603	-800	-764	-387	-32	299	489	590	611	529	382	234	99	-107	-420	-697	-605	-402	-418	-325
-215	-154	-201	-104	178	397	648	613	356	-1	-393	-344	-42	224	293	186	-184	-591	-484	98
803	1242	1373	1207	798	318	-43	-128	-33	29	39	29	-86	-229	-123	124	307	463	466	244
-96	-484	-829	-1040	-977	-688	-212	329	774	998	895	632	274	-52	-229	-336	-420	-558	-773	-917
-807	-403	152	692	1109	1320	938	463	-43	-345	-448	-529	-549	-769	-1013	-1069	-906	-367	370	734
905	782	429	36	-119	-294	-471	-539	-524	-539	-393	-162	90	358	471	561	559	543	405	324
158	52	-215	-505	-818	-845	-709	-442	-125	-13	-168	-143	93	369	517	695	744	523	186	-199
-391	-375	-306	-267	-177	-237	-204	-82	11	125	191	169	134	113	104	112	216	277	214	69

38	14	-46	60	52	-47	-157	-213	-190	-99	18	40	84	164	235	354	496	525	381	40
-244	-601	-785	-815	-746	-584	-456	-241	-5	280	516	657	666	434	102	-207	-382	-421	-418	-217
0	196	306	417	541	700	805	814	627	528	392	150	-38	-167	-206	-171	-72	89	77	74
95	99	114	210	244	175	204	186	80	-73	-231	-296	-380	-490	-434	-417	-412	-426	-453	-411
-289	-122	60	160	179	118	-15	-72	-5	74	115	95	11	-154	-304	-405	-464	-381	-189	8
124	116	50	-47	-14	148	315	344	273	122	-104	-262	-278	-175	-43	55	139	182	176	122
22	-53	-114	-91	-34	-3	21	-34	-127	-192	-214	-125	-2	85	109	31	-38	-53	9	115
249	303	163	-68	-284	-489	-556	-498	-373	-213	-80	-76	-64	77	341	544	559	455	434	263
15	-215	-299	-352	-328	-250	-110	11	57	168	207	178	69	-15	-22	-87	-136	-217	-293	-332
-267	-150	-30	159	322	364	372	355	425	473	500	517	396	167	-29	-272	-376	-330	-287	-81
116	276	377	448	401	357	335	312	303	175	14	-58	-141	-201	-205	-116	-12	123	214	247
311	344	226	107	124	121	-28	-207	-347	-425	-416	-298	-187	-8	121	105	-7	-79	-151	-222
-419	-560	-656	-711	-719	-579	-414	-222	-95	-41	-14	-21	-62	-128	-170	-206	-265	-353	-398	-417
-392	-294	-144	-12	44	31	49	75	85	54	-6	-67	-94	-76	9	78	129	91	66	85
113	155	265	317	336	289	258	228	184	141	136	63	89	48	-40	-104	-172	-106	41	107
187	274	354	335	300	265	274	193	82	15	-28	-66	-73	-103	-110	-113	-76	-1	109	184
142	113	107	173	198	214	232	174	103	20	-37	-88	-99	-62	-34	15	85	206	271	287
302	319	310	270	210	123	22	-30	-49	-19	25	75	96	56	25	41	23	-58	-178	-267
-270	-289	-317	-363	-403	-304	-159	-59	7	74	108	65	-51	-156	-238	-271	-287	-312	-335	-319
-264	-165	-45	62	69	2	-95	-173	-216	-221	-176	-137	-102	-75	-50	-11	26	31	18	43
85	103	87	63	-5	-63	-98	-120	-94	-25	29	80	56	30	-1	-63	-76	-10	103	212
201	155	156	170	147	157	170	168	138	75	22	-29	-33	-18	8	40	73	137	184	180
139	105	112	123	117	89	77	64	42	-4	-59	-140	-197	-200	-164	-130	-88	-15	51	96
110	89	85	98	112	126	118	132	189	183	142	121	163	200	211	212	194	104	-23	-82
-53	-37	-92	-144	-178	-201	-211	-210	-229	-247	-255	-238	-208	-182	-161	-153	-146	-145	-111	-66
-29	-17	-22	-37	-29	-11	-7	-17	-26	-23	-22	-25	-38	-56	-46	-27	-2	15	39	51
51	46	18	-27	-59	-69	-62	-40	-5	9	30	74	116	147	172	177	116	14	-84	-156
-177	-137	-53	9	15	21	6	15	42	107	159	143	117	52	-4	-34	-18	-8	-19	-4
8	-6	-77	-172	-191	-169	-127	-107	-100	-78	-25	-14	-25	-32	-43	-48	-10	-14	-31	3
45	45	45	50	97	152	141	126	117	81	20	-77	-92	-88	-27	-25	-15	7	20	26
71	173	229	190	147	83	0	-94	-83	-45	-24	-44	-72	-56	24	77	130	180	208	187
137	66	-11	-57	-111	-147	-138	-108	-72	-55	-21	11	35	83	111	73	-33	-142	-210	-199
-186	-151	-82	-42	-14	19	28	23	29	23	-4	-50	-99	-155	-182	-134	-55	27	77	96
88	113	104	114	124	116	71	-12	-120	-162	-201	-123	-60	38	87	87	69	81	78	76
73	61	53	35	37	-13	-55	-91	-127	-92	-20	45	124	203	230	222	226	216	206	190
158	96	14	-115	-200	-217	-195	-119	-38	35	93	90	82	60	49	34	0	-22	-32	-52
-76	-89	-71	-73	-88	-84	-56	-17	-17	-34	-35	-26	-1	18	49	75	87	60	9	-35
-47	-56	-68	-72	-50	-24	-24	-27	-26	-23	-3	13	33	44	63	53	22	-24	-37	-36
-27	-9	-6	-14	-33	-52	-13	35	100	170	198	171	127	39	-20	-57	-31	39	71	70
20	-22	-50	-52	-37	-35	-35	-56	-88	-130	-153	-136	-107	-89	-73	-97	-108	-124	-129	-115
-110	-88	-48	-30	-56	-86	-65	-22	6	19	22	-4	-22	-23	4	41	81	122	133	82
9	-18	-46	-35	11	81	99	69	4	-55	-69	-14	27	64	98	92	59	61	107	147
143	131	95	20	-62	-90	-67	-3	73	144	168	128	76	20	-31	-74	-86	-81	-80	-83
-72	-35	4	41	81	119	141	146	119	64	12	-23	-35	-31	-1	56	105	116	108	87
86	104	135	151	121	63	9	-30	-56	-63	-33	5	24	28	9	-30	-62	-87	-108	-124
-130	-149	-200	-229	-223	-195	-203	-171	-93	-34	-37	-64	-97	-154	-217	-254	-277	-276	-262	-258
-256	-241	-193	-109	-32	44	88	87	70	23	-23	-68	-99	-83	-47	-3	44	61	57	37
52	93	131	160	177	178	162	152	139	88	-23	-23	-43	-31	1	31	32	2	-26	-42
-45	-30	-7	-8	-50	-88	-108	-142	-147	-123	-53	34	116	176	217	229	225	223	228	223
171	92	-3	-69	-71	-20	93	192	251	294	309	272	246	235	236	217	165	101	59	46

California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22151:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol. I, Part A)	PB-187 847
EERL 70-21	" " (Vol. I, Part B)	PB-196 823
EERL 71-20	" " (Vol. I, Part C)	PB-204 364
EERL 71-21	" " (Vol. I, Part D)	PB-208 529
EERL 71-22	" " (Vol. I, Part E)	PB-209 749
EERL 71-23	" " (Vol. I, Part F)	PB-210 619
EERL 72-20	" " (Vol. I, Part G)	PB-211 357
EERL 72-21	" " (Vol. I, Part H)	PB-211 781
EERL 72-22	" " (Vol. I, Part I)	PB-213 422
EERL 72-23	" " (Vol. I, Part J)	PB-213 423
EERL 72-24	" " (Vol. I, Part K)	PB-213 424
EERL 72-25	" " (Vol. I, Part L)	PB-215 639
EERL 72-26	" " (Vol. I, Part M)	PB-220 554
EERL 72-27	" " (Vol. I, Part N)	PB-223 023
EERL 73-20	" " (Vol. I, Part O)	PB-222 417
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol. II, Part A)	PB-208 283
EERL 72-50	" " (Vol. II, Part B)	PB-220 161
EERL 72-51	" " (Vol. II, Part C)	PB-220 162
EERL 72-52	" " (Vol. II, Part D)	PB-220 836
EERL 73-50	" " (Vol. II, Part E)	PB-223 024
EERL 73-51	" " (Vol. II, Part F)	PB-224 977/9AS

EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra	(Vol. III, Part A)	PB-212 602
EERL 73-80	" "	(Vol. III, Part B)	PB-221 256
EERL 73-81	" "	(Vol. III, Part C)	PB-223 025
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra	(Vol. IV, Part A)	PB-212 603
EERL 73-100	" "	(Vol. IV, Part B)	PB-220 837
EERL 73-101	" "	(Vol. IV, Part C)	PB-222 514
EERL 73-102	" "	(Vol. IV, Part D)	PB-223 969/AS
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971		PB-204 198
EERL 71-01	P. C. Jennings, <u>et al</u> , Forced Vibration of a 22-Story Steel Frame Building		PB-205 161
EERL 71-02	P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake		PB-202 550
EERL 71-03	Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation		PB-205 304
EERL 71-04	Jacobo Bielak, Earthquake Response of Building-Foundation Systems		PB-205 305
EERL 71-05	M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms		PB-205 369
EERL 71-06	Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams		PB-205 267
EERL 71-07	John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings		PB-207 635
EERL 72-01	P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction		PB-209 666
EERL 72-02	F. E. Udwadia, Investigation of Earthquake and Microtremor Ground Motions		PB-212 853
DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire		PB-213 256

EERL 72-04	J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake	PB-215 823
EERL 73-01	F. E. Udawadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship through the Statistics of Oscillator Response	PB-220 458
EERL 73-02	Research Papers Submitted to Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973	PB-220 431
DRC 73-02	Earthquakes and Insurance, Published Papers on the Earthquake Research Affiliates Conference of 2-3 April 1973	PB-223 033
EERL 73-03	M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms	PB-226 047-AS